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## Title word cross-reference

**$** [Tol21b]. $(1/4)(a+b+c+d)$ [Lor23l]. $(2n-1)$ [Cag21]. $(3k-4)$ [Cag21]. $(n-1)$ [Cag21]. $\frac{(\phi(m^r))^a}{(\phi(n^s))^b}$ [Vu22]. $1+1=11$ [PS22a]. $1/sin\theta$ [Jam23b]. **$15.95** [Aar22]. $2+2=5$ [PS22a, Mac23c]. **$25** [Gri20, Hal21]. **$26.99** [Ste22b]. $2\times 2$ [Has21b, Spo24]. **$32** [Haw20]. **$35** [Hun24]. $3\times 3$ [Dow20]. **$44.95** [Lev24]. **$51** [Hun22e]. **$85** [Hun22b]. **$89.00** [Hun22d]. $b>e$ [Cha24]. $b^2=\frac{1}{2}\left(3+\sqrt{5}\right)ac$ [McL20]. $b^e<e^b$ [Cha24]. $c^2=a^2+bd$ [Lau23a]. $\cos 2x+\sin 2x=1$ [Ale22]. $\cos\beta-\cos\alpha$ [AU22]. $e^{x/y}$ [Gho22a]. $k$ [Cag21, Cag23]. $\lim_{n\to\infty}\sqrt[p_n]{p_1p_2\cdots p_n}=e$ [Far21]. $\log x$ [Jam23d]. $N!$ [Sul22, Has24]. $n$ [Hun22i, RV24, ST23, San23, Sin22, Ste23b]. $N^{p/q}$ [Gho22b]. $\phi$ [GA23]. $\pi$ [LN22b, Sao20, Sin20]. $\sin 3x=3\sin x-4\sin^3 x$ [ST22]. $\sin\alpha+\sin\beta$ [AU22]. $\sqrt{2}$ [MGC20]. $\sum_{n=0}^{\infty}\frac{1}{(2n+1)^2}=\frac{\pi^2}{8}$ [Mar22]. $\sum_{n=2}^{\infty}1/(nH_{n-1})$ [AP21]. $\sum_{n=2}^{\infty}1/(nH_{n-1}^{1+\epsilon})$ [AP21]. $\sum k^2$ [Lor22h]. $\sum k^3$ [Lor22h]. $\tan(5\pi/12)=2+\sqrt{3}$ [Luk24a]. $\tan(\pi/12)=2-\sqrt{3}$ [Luk24a].

$\theta/sin\theta$ [Jam23b]. $x = a^x$ [Bea22b]. $x^3 + y^3 = (x + y)(x^2 - xy + y^2)$ [Cha21]. $x^3 - y^3 = (x - y)(x^2 + xy + y^2)$ [Cha21]. $x^y = y^x$ [BG20]. $xy = \cos(x + y)$ [Jew24]. $y = E(x)$ [BG20]. $y = mx - 2m - m^3$ [AT21]. $\zeta(3)$ [Sin20].

**-dimensional** [Hun22i]. **-gonal** [Cag21, Cag23]. **-gons** [RV24].

**1** [Tol24]. **1900** [Mac24]. **1950** [Hun23b].

**2** [Lev22d]. **2017** [Ryb20, Lev20a]. **2018** [Lev20b]. **2019** [Lev22e]. **2020** [Ano20c, Ano20e]. **2021** [Ano20d, Ano21d, Gib23b, Lev23d]. **2022** [Lor23i, YC23]. **2023** [Ano22a, Ano23c, Fos23]. **2024** [Ano23d, Ano24a]. **20758-2** [Lor23d]. **279-9** [Lor22c]. **2nd** [Dav22, Hun22g, Lor20b, Mac20].

**3000** [Gib23b]. **3rd** [Tol22a, Tol22d].

**4th** [Tol22e].

**58221-0** [Gib23b].

**978-0-00-832458-2** [Hun21e]. **978-0-12-820788-8** [Tol23e]. **978-0-12-823417-4** [Tol22a]. **978-0-19-875535-7** [Cri22b]. **978-0-19-882971-3** [Slo24]. **978-0-19-883344-4** [Tol21d]. **978-0-19-883567-7** [Tol21c]. **978-0-19-884638-3** [Lev22f]. **978-0-19-884643-7** [Lev22b]. **978-0-19-886902-3** [Tol23h]. **978-0-19882-122-9** [Hun20c]. **978-0-19883-160-0** [Bay20b]. **978-0-2280-0373-1** [Cri22d]. **978-0-24423-100-2** [Tol22c]. **978-0-262-04664-0** [Lev24]. **978-0-262-54300-2** [Cri24]. **978-0-26253-902-9** [Aar22]. **978-0-300-25539-3** [Tol22f]. **978-0-30024-** [Lor22c]. **978-0-367-19557-1** [Tol22b]. **978-0-367-36272-0** [Cri22c]. **978-0-367-56303-5** [Lor23e]. **978-0-367-62837-6** [Shi24]. **978-0-36721-936-9** [Shi22a]. **978-0-46509-481-3** [Haw21a]. **978-0-46509-760-9** [Haw20]. **978-0-521-72839-3** [Hun22a]. **978-0-578-61682-7** [Ste22b]. **978-0-69-118278-0** [Hun21d]. **978-0-691-** [Lor23d]. **978-0-691-15883-9** [Lor21c]. **978-0-691-17691-8** [Bay21a]. **978-0-691-17863-9** [Lev20a]. **978-0-691-18264-3** [Cri22a]. **978-0-691-18276-6** [Lev20b]. **978-0-691-18277-3** [Hoa20]. **978-0-691-18367-1** [Tol22g]. **978-0-691-19232-1** [Pra21]. **978-0-691-19835-4** [Lev22e]. **978-0-691-20219-8** [Hew23]. **978-0-691-20613-4** [Hew22]. **978-0-691-22348-3** [Mac23b]. **978-0-691-22570-8** [Lev23d]. **978-0-691-23524-0** [Hun23b]. **978-0-69117-941-4** [Rua23b]. **978-0-69119-922-1** [Tol23f]. **978-0-69121-435-1** [Tol22h]. **978-0-69121-876-2** [Hun23c]. **978-0-8153-7097-0** [Dav22]. **978-0-90658-889-5** [Haw21b]. **978-019884759** [Tol22e]. **978-0198847618** [Tol22d]. **978-1-009-00919-5**

[Hal23]. **978-1-009-09629-4** [Col24]. **978-1-00900-162-5** [Yeo23].
**978-1-107-13057-9** [Tol21e]. **978-1-107-15613-5** [dV21a].
**978-1-107-17790-1** [Bay22]. **978-1-10717-314-9** [Yeo20].
**978-1-10718-233-2** [Hun21b]. **978-1-108-41089-2** [Hun21c].
**978-1-108-41090-8** [Hal22c]. **978-1-108-43224-5** [Hun21a].
**978-1-108-43679-3** [Lor20b]. **978-1-108-44102-5** [Hun20a].
**978-1-108-45644-9** [Hun22c]. **978-1-108-70300-0** [Hop22a].
**978-1-108-70937-8** [Luk23b]. **978-1-108-70945-3** [Luk23b].
**978-1-108-72262-9** [Hun22g]. **978-1-108-73838-5** [Lor22e].
**978-1-108-78998-1** [Tol22i]. **978-1-108-79920-1** [Shi23a].
**978-1-108-83496-4** [Tol23d]. **978-1-108-83665-4** [Tol23b].
**978-1-108-92740-6** [Mac23a]. **978-1-108-95823-3** [Tol23c].
**978-1-10833-745-8** [Gib22a]. **978-1-10842-579-7** [Hun20b].
**978-1-10843-953-4** [Gib22a]. **978-1-10847-059-9** [Sch21a].
**978-1-10895-972-8** [Lor22d]. **978-1-316-51027-8** [Mac23b].
**978-1-42142-407-1** [Jac20]. **978-1-42143-308-0** [Hun22h].
**978-1-4704-4871-4** [Hun22e]. **978-1-4704-5084-7** [Hun22d].
**978-1-4704-5342-8** [Hun22b]. **978-1-4704-5425-8** [Hun22f].
**978-1-4704-6307-6** [Hun23a]. **978-1-4704-6858-3** [Hun24].
**978-1-4717-6147-8** [Lor24c]. **978-1-4718-5307-4** [Lev22d].
**978-1-4718-8648-5** [Lev22c]. **978-1-5104-1451-8** [Lev23b, Lev23c].
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**978-1-61614-931-4** [Bay21b]. **978-1-63388-373-4** [Tol21b].
**978-1-63388-387-1** [Gri20]. **978-1-63388-520-2** [Hal21].
**978-1-73314-663-0** [Gib22b]. **978-1-78125-433-2** [Jac21].
**978-1-78205-290-6** [Cri21b]. **978-1-78747-542-7** [Shi22b].
**978-1-78816-228-9** [Tol21a]. **978-1-80061-121-4** [Tol24].
**978-1-90600-133-9** [Hal20a]. **978-1-91161-600-9** [Hal20b].
**978-1-911616-08-5** [Hal22b]. **978-1-912827-03-9** [Hal22a].
**978-107-12413-4** [Cri21a]. **978-3-030-** [Gib23b]. **978-3-030-04036-9** [Mal22]. **978-3-030-63812-2** [Rua23a]. **978-3-030-70574-9** [Mac24].
**978-3-030-79430-9** [Luk24b]. **978-3-030-87173-4** [Shi23c].
**978-3-03052-810-2** [Tol23g]. **978-3-0348-0621-3** [Cri21c].
**978-3-319-70631-3** [Rou20b]. **978-3-319-74747-7** [Mac20].
**978-3-319-77636-1** [Sch20]. **978-3-319-77835-8** [Rou20a].
**978-3-319-90914-1** [Bay20a]. **978-3-662-62688-7** [Gib24].
**978-3-662-62689-4** [Gib24]. **978-981-15-9218-8** [Shi23b].
**978-981-16-6364-2** [Tol23a]. **99** [Lor21c].

**ABC** [Gri24]. **ABC-triangles** [Gri24]. **Ablowitz** [Lor22d]. **above** [Bea21a].
**Abstract** [Tol23b]. **Academic** [Tol22a, Tol23e]. **Acheson** [Lev22f].
**Acknowledgements** [Ano23a, Lev22a]. **across** [Ban23]. **activities** [SWT21].
**Adam** [Hal22a]. **Adams** [Hun24]. **addition** [Spo23]. **additive** [Sur20].

**Address** [Pri22, Fos23]. **Advanced** [Ste22b]. **Advocate** [Lor24e]. **Aesop** [All21]. **Africa** [Mal22]. **AG** [Gib23b]. **again** [Lor22g, Ste22a]. **Alfred** [Bay21b, Gri20, Hal21]. **algebra** [Gib22b, Hun22d, Hun22e, Hun22f, Mac20, Tol23b, Bay22, Tol23g, Lor23e, Tol23c]. **algebraic** [Tos23, Rou20a]. **Algorithms** [Aar22]. **Allan** [Hun22b]. **Almost** [Fal21]. **along** [Kob23]. **Alsamraee** [Ste22b]. **Also** [Bay21b, Gib22a, Gib23b, Haw21a, Hun21b, Mac20, Sch20, Tol22b, Tol23a]. **Alternating** [Ber20]. **alternative** [MY22a, Ort20]. **altitudes** [Luk20a, Tho22e]. **Aluffi** [Tol23c]. **AM** [Haj20, Mes23]. **Amendment** [YC23]. **American** [Hun22b, Hun22d, Hun22e, Hun22f, Hun23a, Hun23b, Hun24]. **Amir** [Tol22i]. **among** [Haj21, Spo24]. **AMS** [Hun22d]. **Anachronisms** [Tol23d]. **analogue** [Sur20]. **analyses** [Lor21b]. **analysis** [Gup24, Gib23b, Hun21b, Hun22a, Lor20b, Lor23d, Mac20, Shi23b, Yeo20]. **analytic** [Fre22, HS20]. **anarchy** [Wap20]. **Andrei** [Luk24b, Shi23b]. **Andrew** [Cri24, Hal20a, Hun20c, Tol23h, Tol24]. **Andrews** [Lev24]. **Angell** [Shi24]. **angle** [ASAMHH21, Ban23, Dal21, Haj22, Lam21, Lor21d]. **angled** [Nie21]. **angles** [ASH20a]. **answer** [Bea22c, LH22, Mac21c]. **Anthony** [Tol22h]. **antiderivatives** [EH23]. **Anton** [Cri22a]. **anything** [Hun21e]. **appearance** [Lor24b]. **application** [Tho22d]. **Applications** [VVK21, GS22, Gîr23, Lor22d]. **Applied** [Mac20]. **appreciation** [LR21]. **appreciations** [Mah21a]. **approach** [All20, HP23, Lor23c, Rou20b]. **approached** [HS20]. **approximate** [Hun22c]. **Approximating** [Bel22, Jam23a]. **approximation** [Jam20, Mah22b, Vil23]. **approximations** [Lor21d]. **apps** [Wap20]. **April** [Ryb20]. **arbitrariness** [Haj22]. **archery** [Sko20]. **Archimedean** [DT23]. **Archimedes** [Dub22, Wil23]. **architecture** [Cri24]. **area** [Mey20, SWT21, Vol22, Hal22b]. **areas** [Fox20, Haj21, Bea21a]. **Ariel** [Tol22i]. **arising** [Ale22]. **arithmetic** [ASH20b, Cer23, Pla22a, SE20a, SO23]. **arithmetical** [Les20]. **art** [Bay23a, Lev24]. **Arts** [Cri22a, Cri22a]. **Association** [Hal20b, Hal22b, Haw21b, Ryb20]. **Athanassios** [Lor22d]. **Atrium** [Cri21b]. **attached** [Mac22]. **Aubel** [PdV22]. **Ault** [Jac20]. **available** [Bay21b, Gib22a, Gib23b, Haw21a, Hun21b, Mac20, Sch20, Tol22b, Tol23a]. **average** [SS20]. **averages** [Jam23c, Lau23b]. **axis** [HE24].

**B** [Hun21d, Tol21c, Yeo20]. **Back** [Ano20f, Ano20h, Ano21e, Ano21g, Ano22c, Ano22e, Ano22g, Ano23e, Ano23g, Ano23i, Ano24b, Hun21e, Mal22, Ste22c]. **Baldwin** [Lev22c]. **Bankoff** [Jia22, Luk23d]. **Barrow** [Luk23d]. **barycentric** [Vol22]. **base** [FL22]. **based** [Pla22a, Tos23]. **Basic** [Bay23a, Bay23b, Haw20, Jac21, Tol23e]. **beautiful** [Gib24]. **Beetham** [Nar20]. **being** [Gho22a]. **below** [Bea21a]. **Ben** [Lev22c]. **Bernoulli** [Kac20]. **Bernstein** [Jam20]. **Bertrand** [Sil24]. **best** [Hun23c, Lev20a, Lev20b, Lev22e, Lev23d]. **better** [Bay23a]. **betting** [AMMW22]. **between** [Abe20, Cag21, Sar23, Shi23a, Ste23a]. **Beyond**

[Haw21a]. **Bicentric** [Ste23a, Jos22]. **Bickle** [Hun22b]. **bifocal** [RZ21]. **big** [Hun20c]. **Bijan** [Tol23a]. **bijections** [Bea23b]. **billions** [Hoa20]. **Binet** [SE20a]. **binomial** [Abe20, KM21, Lor24e]. **Birkhäuser** [Cri21c, Gib23b, Bay20a]. **birthday** [Bev22]. **bisect** [dV21b]. **bisect-diagonal** [dV21b]. **bisectors** [ASAMHH21, Haj22]. **Bjorn** [Hun20b]. **Blog** [Ano22b]. **boarding** [GS21, KNS23]. **Bohemia** [Kit21]. **Boissonnat** [Hun21c]. **Bolton** [Hun20a]. **Bonnet** [Rid21a]. **Book** [Aar22, Bay20b, Bay20a, Bay21a, Bay21b, Bay22, Bay23a, Bay23b, Col24, Cri21b, Cri21c, Cri21a, Cri22a, Cri22b, Cri22d, Cri22c, Cri24, Dav22, Gib22a, Gib22b, Gib23b, Gib24, Gri20, Hal20b, Hal20a, Hal21, Hal22a, Hal22b, Hal22c, Hal23, Haw20, Haw21a, Haw21b, Haw24, Hew22, Hew23, Hoa20, Hop22a, Hun20a, Hun20b, Hun21b, Hun21c, Hun21a, Hun22b, Hun22c, Hun22a, Hun22d, Hun22e, Hun22f, Hun22h, Hun22g, Hun23a, Hun23b, Hun24, Hun20c, Hun21e, Hun21d, Hun23c, Jac20, Jac21, Lev20a, Lev20b, Lev22e, Lev22b, Lev22d, Lev22c, Lev22f, Lev23d, Lev23b, Lev23c, Lev23a, Lev24, Lor20b, Lor21c, Lor22c, Lor22d, Lor22e, Lor23e, Lor23d, Lor24c, Luk23b, Luk24b, Mac20, Mac23a, Mac23b, Mac24, Mal22, Pra21, Rou20a, Rou20b, Rua23b, Rua23a, Sch20, Sch21a, Shi22b, Shi22a, Shi23a, Shi23b]. **Book** [Shi23c, Shi24, Slo24, Ste22b, Tol21a, Tol21b, Tol21c, Tol21d, Tol21e, Tol22b, Tol22a, Tol22f, Tol22c, Tol22d, Tol22e, Tol22g, Tol22i, Tol22h, Tol23c, Tol23d, Tol23b, Tol23e, Tol23f, Tol23a, Tol23g, Tol23h, Tol24, Yeo20, Yeo23, dV21a, Bay21b]. **Books** [Ano20a, Ano21a, Bay21b, Bay23a, Bay23b, Gri20, Hal21, Hal22a, Haw20, Haw21a, Haw24, Jac21, Shi22b, Tol21a, Tol21b]. **Boole** [Cri21b]. **Bottema** [Pel22]. **bound** [Has24]. **bounded** [She23, Shi23a]. **bounds** [Ayd24, Zam20]. **Bourchtein** [Luk24b, Shi23b]. **box** [Jah22]. **Brahmagupta** [Mey20]. **Brian** [Haw24, Hoa20]. **brief** [Mah21b]. **Bring** [Kul21]. **Brocard** [ASH20a, LS21]. **Broughan** [Shi23a]. **Brown** [Tol21c]. **Brummelen** [Rua23b]. **Bueno** [Tol22h]. **Burger** [Hun21d]. **Butterworth** [Haw24].

**C** [Hun22c, Hun22a, Hun20c, Slo24, Tol23e]. **calculate** [Hun21e, Pat22]. **calculated** [Lam21]. **Calculating** [Jac21]. **calculus** [Cri21c, Ste22b, Lor22c, Sch20]. **calendar** [Gad20]. **Cambridge** [Bay22, Col24, Cri21a, Gib22a, Gib22b, Hal22c, Hal23, Hop22a, Hun20a, Hun20b, Hun21b, Hun21c, Hun21a, Hun22c, Hun22a, Hun22g, Lor20b, Lor22d, Lor22e, Luk23b, Mac23a, Mac23b, Sch21a, Shi23a, Tol21e, Tol22i, Tol23c, Tol23d, Tol23b, Yeo20, Yeo23]. **Can** [Haw24]. **card** [Pra21]. **Cardano** [LSS23, Ohy20, Ohy22]. **cardioids** [Sil21b]. **cards** [De22b]. **care** [SA20]. **Carlo** [Sie20]. **case** [Lor20a]. **Cassini** [Bea22a]. **Catalan** [Ste20c]. **Cath** [Lev22d]. **Cauchy** [Dun23, Far23, Fre22]. **cautionary** [Lor24d, Uhl23]. **Cayley** [Lor23f]. **Ceccherini** [Hun21b]. **Ceccherini-Silberstein** [Hun21b]. **Cédric** [Lev22b]. **central** [Cag20]. **centre** [Lor23l]. **centred** [Cag23]. **centres** [Luk21a]. **Centroid** [Ste20b]. **centroids** [Fri22]. **century** [Lev24]. **certain** [Bou21]. **Ceva** [Haj23a]. **Chain** [Sie20]. **Challal** [Tol22b]. **chances**

[Tol23h]. **Change** [Mac24]. **changed** [Cri22a]. **changers** [Tol21b]. **Chapman** [Cri22c, Hop22a, Shi24]. **Characterisation** [Nak22, Jos20, RV24]. **characterisations** [HK23a, HK23b, Jos22]. **characteristic** [Con23, Wap21]. **charms** [Mac23a]. **Chazal** [Hun21c]. **chemist** [Lor22g, Ste22a]. **Cheng** [Haw21a]. **Cheryl** [Cri22b]. **Chiossi** [Shi23c]. **Chris** [Hal20b, Hal22b]. **Christian** [Gri20, Hal21]. **Chvátal** [Mac23a]. **Cinderella** [Lev21a]. **circle** [Bea23b, Gor23b, Lev21a, Lor23a, Luk23a, PdV22, Sil23a]. **circle-preserving** [Bea23b]. **Circles** [Spo22b, Bea24, DT23, Ste23a]. **circular** [De22a, Nie21]. **circum** [Hum20]. **circum-medial** [Hum20]. **circumcircle** [Luk23a]. **circumcircles** [Ste23a]. **circummidarc** [Luk20b]. **circumradii** [Rea23]. **Claire** [Lev22c]. **class** [Hun21a, LN22a, Rea22]. **classic** [Fri22]. **classical** [Jah22]. **classroom** [SWT21]. **clearly** [Tol22h]. **Clever** [Hun21e, Hun23c]. **clock** [Che23]. **close** [Jam20]. **coalescing** [Sam23]. **coefficients** [Jam23b, Zam20]. **cofactor** [Dow20]. **Cohen** [Cri21b]. **coincidence** [Gad20]. **Colin** [Hun24]. **Collatz** [Sam23]. **Collins** [Hun21e]. **colonial** [Mal22]. **come** [Lor22e]. **Comic** [Lor24c]. **commensurability** [RV24]. **companion** [Tol22f]. **complementary** [Nic20b]. **complex** [Hau23, Kir20, Lor22d, Lor23d, Sil23b, Lor20b, Shi23b]. **composite** [Con23, Gri21]. **composites** [LM24]. **comprehensive** [Tol23b]. **computations** [Uhl23]. **computer** [Dub22, Sul22]. **Computing** [NT23]. **concerning** [Fri22]. **conclusive** [SR20]. **Concurrent** [Kac20]. **Conditional** [Has21b]. **conditions** [Sam23]. **cone** [Sin21, Sin24]. **cones** [De22a, Rid21a]. **configuration** [PdV22, Vig20]. **congruence** [Kon20, SE20b, Seb22]. **conical** [De24, Sta20]. **conics** [Bea21b, Bea23c, RZ21]. **conjecture** [Sam23, Tho22c]. **conjunctions** [Che23]. **connections** [Cal20a, Sar23]. **consecutive** [Ste20a]. **conservation** [SWT21]. **considerations** [SA23d]. **constant** [Mer23, Ste20c]. **constants** [Sch21a]. **Constructing** [Fox20]. **constructions** [KF24]. **contact** [Luk23a]. **containing** [CJS20]. **continued** [KS21]. **continuous** [Jam23a]. **convergence** [Mer23]. **convergents** [LN22b]. **converges** [AP21]. **converse** [KNS23]. **converses** [Sil23a]. **convex** [Dal22, Jam22b]. **convexity** [BG20, Jam21d, Ott24]. **Conway** [Ryb20, Yeo20]. **coordinates** [KF21b, Lor24d, Vol22]. **copy** [Tol22i]. **Core** [Lev22c]. **Cork** [Cri21b]. **Corner** [Ano24d, Dol20c, L.21a, L.21b, L.22c, L.22a, L.22b, L.23, L.24, Lor20c, Lor20d, Lor23j, Lor23k]. **Correct** [Mac21c, Bea22c, LH22]. **Correspondence** [Mah22a, Por22, Ric24, San24]. **cosine** [Gor23a, VVK21]. **cosmos** [Jac21]. **Could** [Lam21]. **count** [Haw24]. **counterexample** [Sam23]. **Counterexamples** [Yeo23]. **course** [Hun20a, Hun20b, Hun21a, Lor23d, Tol23a, Yeo20]. **cousins** [CF21]. **Cover** [Ano20g, Ano20f, Ano20i, Ano20h, Ano21f, Ano21e, Ano21h, Ano21g, Ano22d, Ano22c, Ano22f, Ano22e, Ano22h, Ano22g, Ano23f, Ano23e, Ano23h, Ano23g, Ano23j, Ano23i, Ano24c, Ano24b]. **Cramer** [Hu22]. **cranks** [Lor22c]. **CRC** [Cri22c, Dav22, Lor23e, Shi22a, Shi24, Tol22b]. **CRC/Taylor** [Lor23e]. **criterion** [Nat21]. **Croarken** [Cri22c]. **Crossword** [Sta21b]. **Cryptography** [Tos23]. **cubes** [Ber22, Jam22a, Kat23, Rid21a]. **cubic**

[Fri22, LSS23, MY22a, Nic20b, Ohy20]. **cubics** [De21a]. **culture** [Cri24]. **Cumulative** [Ano21b, Ric21a, Ric21b]. **curios** [Lor23b]. **Curiosities** [Bay21b]. **Curious** [Ste22b, Nic20a, Hew22]. **curve** [Bea21a]. **curves** [AT21, Fri22, Hew22]. **cut** [Kat23]. **cycles** [Nor20]. **cyclic** [Dal21, Fri22, Mey20].

**Daniel** [Col24, Gib22a, Hun21c]. **data** [Tol21e, Tol22h]. **David** [Hun22h, Lev22f, Lor20b, Rua23a, Shi24, Tol22d, Tol22e]. **Davis** [Hal22a]. **Davvaz** [Tol23a]. **death** [Shi22b]. **DeBevoise** [Lev22b]. **debt** [SA23d]. **December** [MC21, Ryb20]. **decimal** [Pas21]. **defined** [BG20]. **defining** [Ott24]. **definite** [Abe23, HP23]. **definition** [Bau21]. **deflection** [Lam21]. **delights** [Hew23]. **derivation** [Bau22, Kul21]. **derivative** [Ham20, SR20]. **Desargues** [Gîr23, Sil20]. **Descartes** [Kit21]. **Desmond** [Cri21b]. **determinant** [Dow20, Has21b]. **determinants** [MGC20]. **Developing** [Mah21c, ST23]. **development** [Luk23b]. **Devil** [Lor24e]. **diagonal** [dV21b]. **dice** [Tol21a]. **difference** [Cag21, Cag23, Luc24, NT23]. **differential** [All20, Geo20a, Hun20a, Hun20b, Mac24, Tol22a]. **differentiating** [KF23]. **diffusion** [Hop22a]. **digamma** [KS23]. **Digit** [PPP23]. **Digital** [Gup24]. **Digne** [Hun22g]. **dimensional** [Hun22i]. **dimensions** [Pra21]. **diophantine** [MS23]. **direct** [Dal21]. **direction** [Whi22]. **Dirk** [Mal22]. **disc** [LS21]. **discontinuous** [Ham20]. **discover** [PS22b]. **discovered** [Hun23c]. **Discrete** [Lev23a, Cri20, Mac23a, She23, Ste21a, Hun21b]. **discs** [LS22]. **Dissecting** [Mac22]. **dissections** [Fre21]. **distance** [Tho22a]. **distances** [Gib23a]. **distinguishing** [Tol21e]. **distribution** [Abe20]. **Divergence** [Fel20]. **diverges** [AP21]. **divisibility** [Seb22]. **divisible** [Bro22]. **divisors** [Sin22]. **do** [Lor22e, PS22a, Tol21a, Tol23f]. **doctrine** [Rua23b]. **dodecahedra** [Kat23]. **dodgy** [Bea22c, LH22, Mac21c]. **does** [Ban23, Lor23l, OS23]. **Donoghue** [Mac23b]. **Dropping** [Hop22b]. **dualities** [Dal22]. **duality** [Dal21, KF21a, KF24]. **Dundas** [Hun20b]. **dynamic** [Bea21b].

**e-book** [Gib22a, Gib23b, Haw21a, Mac20, Sch20, Tol22b, Tol23a, Bay21b]. **e-copy** [Tol22i]. **e-version** [Hal22c]. **ears** [Haj21]. **Eastaway** [Hun21e]. **easy** [Jew24, Mey20]. **eBook** [Gib24, Hun21b]. **ed** [Lev20a, Lev20b, Lev22e, Lev23d]. **edited** [Cri22c, Haw21b, Tol23d]. **edition** [Gib22a, Hal23, Lor23e, Luk23b, Tol22d, Tol22e]. **Editor** [Ano23b]. **edn** [Dav22, Hun22g, Lor20b, Mac20, Tol22a]. **Education** [Lev22d, Lev22c, Lev23b, Lev23c, Lev23a]. **Edward** [Hun21d, Tol22f]. **effective** [Sib23]. **efficiency** [Sib23]. **Eilers** [dV21a]. **Elap** [Sta21b]. **elementary** [Dow20, Kro24, Mac21a]. **elements** [Has21b]. **elephant** [Hal20b]. **Eli** [Hew23]. **Elisabeth** [Kit21]. **Elizabeth** [Bay22]. **Ellina** [Bay20a]. **Elliott** [Hun20c, Tol23h]. **Elsevier** [Tol23e]. **Elsevir** [Tol22a]. **emergence** [FL22]. **Emmy** [Rua23a]. **encountered** [SS20]. **end** [SA20]. **enigma** [Cus21]. **Enomoto** [Oku23]. **entertainments** [Bay21b]. **envelope** [Hun21e]. **Equal** [Jam22a, Abe23]. **equalisation** [Nak22]. **Equality** [Haj21].

**equation** [KF23, MS23, MY22a, MY22b]. **Equations** [Bur20, All20, Geo20a, Jew24, Luc24, Mac24, NT23, TT24, Tol22a]. **equilateral** [Ber20]. **equivalent** [Lor23a]. **era** [Hun23b]. **erase** [Tol23f]. **Erban** [Hop22a]. **Erdos** [Mac23a]. **Eric** [Hal22c, Tol21c]. **error** [Abe20, Bay20b, Lor21b]. **essential** [Sch21b, Shi23c]. **estimates** [Jam21c]. **Ethan** [Tol22h]. **Euclid** [Haj23b]. **Euclidean** [Tol22b]. **Eugenia** [Haw21a]. **Euler** [BB20, CC24, GA23, HLM24, Mer23, Nim22]. **Eureka** [Dol21b, Dol24]. **evaluation** [Lor22h, Mah20]. **even** [Jam21b]. **Every** [Cag20]. **everyday** [Gri20]. **everyone** [Gib22b]. **Evolution** [Nim22]. **evolving** [De24]. **example** [Uhl23]. **examples** [AMMW22]. **Exarc** [Luk22a]. **Excel** [Hau23]. **excentral** [Luk20a]. **excess** [Cri22b]. **exercises** [Tol22d]. **exist** [OS23]. **expansion** [Dow20, Lor24e]. **expansions** [Lor21a, Pas21]. **Expected** [CK21]. **experimental** [dV21a]. **exploration** [DL21]. **explored** [Ste22b]. **exponentials** [FP24]. **expression** [Con23]. **expressions** [Gri21]. **Extending** [Ohy20]. **extension** [Lau23a, PdV22]. **Extensions** [BB20, DT24, Now20, Tra24]. **extraordinaire** [Rua23a].

**Fabio** [Hun21b, Tol22g]. **face** [Fox20]. **fact** [Lor23f, Tol21e]. **Factorial** [Sil21a]. **factorials** [Gad20]. **factors** [Sil21a]. **fall** [Bay21a]. **Families** [AT21]. **family** [Cri20, Ste21a]. **Farewell** [Ano24d]. **Farey** [Sch21b]. **Feedback** [Ano20b, Ano21c, Bur22, Lor23i, YC23]. **Fermat** [Kon20, Sco22b, Sin21, TT24]. **Fermat-like** [TT24]. **Fibonacci** [Bea22a, Gri21, SE20a, SE20b, Spo22b, Spo22a, Ste23e, Hal22a]. **fiction** [Tol21e]. **field** [Hun21a, Mac23b]. **fifth** [Bau22]. **figurate** [Cag22]. **figures** [Bur20, Fre21]. **Filip** [Sch20]. **Filippo** [Hun21b]. **final** [OI23]. **financial** [SA23d]. **Finch** [Sch21a]. **Finding** [Hum20]. **findings** [Mal22]. **finite** [Hun22g, Now20, Sie20]. **Finsler** [Lor24a, Luk20b, Luk22a]. **first** [Hun20a, Mac23b, ST23, San23, Sco22b, Sin22, Ste23b, Tol23a, Yeo20]. **fish** [Haw24]. **Fleisch** [Col24]. **Flood** [Cri22c]. **fluency** [Lor20a]. **flying** [Cri22d]. **Focus** [Pri22]. **Fokas** [Lor22d]. **forgotten** [Ste22c]. **form** [ASH20b, OS23, Sco22a, SO23, Vu22]. **formula** [Cer23, Mar22, Mey20, MY22a, Nim22, SE20a, Tol22g]. **formulae** [Lau22, Lor21b, NO22]. **Formulations** [Cri24]. **founded** [Sci24]. **Four** [Gib23a]. **Fourier** [Jam23b]. **Fowler** [Tol22h]. **Fraction** [Spo22b]. **fractional** [TT24]. **fractions** [KS21, LN22b]. **Francis** [Lor23e]. **Francois** [Hun22g]. **Frank** [Tol23b, Cri22b]. **Franziska** [Yeo23]. **Frédéric** [Hun21c]. **Frederick** [Hun22e, Hun22f]. **free** [Bro22, Jam21b]. **French** [Tol24]. **frequency** [Sta21a]. **Friday** [Sta21a]. **Front** [Ano20g, Ano20i, Ano21f, Ano21h, Ano22d, Ano22f, Ano22h, Ano23f, Ano23h, Ano23j, Ano24c]. **FRS** [Ryb20]. **Fruit** [MS23]. **frustum** [Bel22]. **full** [Lor22f]. **function** [BG20, Con23, EH23, GA23, Ham20, KS23, Mun20, Pla22a, Roi23, Ste22c]. **function-based** [Pla22a]. **functional** [Hun22a, KF23]. **functions** [Bev22, CJS20, Jam21a, Jam22b, Jam23a, Nie21]. **Fundamentals** [Hun22b]. **Further** [Lev22c, Lev23b, Lev23c, Lev23a].

**G** [Shi23c]. **game** [CK21, FL22, Wap23, Pra21, Tol21b]. **games** [AMMW22]. **gap** [Sib23]. **gaps** [Shi23a]. **Garfunkel** [Jia22, Luk23d]. **Garfunkel-Bankoff** [Jia22]. **Garrity** [Hal23]. **Gary** [Pra21]. **Gauss** [Dol21b, Dol24, Rid21a, Shi20]. **Gazette** [Ano21b]. **Geere** [Lev23a]. **general** [KF23, LSS23]. **generalisation** [HE24, Jah22]. **generalisations** [Tra23, Tra24]. **generalised** [Nat22, PdV22, KM21, Lau23b]. **generate** [Jam21d]. **generation** [Lor20a]. **generator** [DT23]. **gentle** [Hun21a]. **Geoffrey** [Tol22d, Tol22e, Gar23]. **geometric** [Dol20a, Dow20, Hu22, Lig23, Mac21b, Muk23, Mun20, OS23, Pla22a, Hun21c]. **Geometrical** [SWT21]. **geometry** [Bea21b, Dal21, Dav22, Fre22, HS20, Kro24, Lev21a, Lev24, Lor23e, Oku23, Tra24, Hun20a, Lev22f, Hun23a]. **George** [Cri21b]. **Georgiev** [Cri21c]. **Gerretsen** [Sco22a]. **Giessen** [Buh23]. **Gilbert** [Gib22b]. **give** [Lor23l]. **given** [Fox20, Has21b, Hum20, Whi22]. **giving** [Vig20]. **Glen** [Rua23b]. **GM** [Haj20, Mes23]. **God** [Tol21a]. **Godfried** [Dav22]. **Goldbach** [Fal21]. **Golden** [Sci22, Cus21, Lor24b, Spo21b, Yos22, Sci24]. **Goldie** [Lev22d]. **gonal** [Cag21, Cag23]. **gons** [RV24]. **good** [Dav22, GT23, Lev21b, Luk22b, Ste23d]. **Gordon** [Pra21]. **GPS** [Wap20]. **graduate** [Hal23]. **Graham** [LR21]. **graph** [GA23, Hun22b]. **gravity** [Bay21a]. **Gray** [Mac24]. **Greenleaf** [Hun22e, Hun22f]. **Greenwich** [Cri22c]. **grid** [SS24]. **Griffiths** [Slo24, Cer23]. **Grigorieva** [Bay20a]. **Grimmett** [Tol22d, Tol22e]. **group** [All20, Spo21a, Spo21b, Tol23a]. **Groups** [Bea23c, Hun22g, Mac21d, Hun22c]. **Guicciardini** [Tol23d]. **guide** [Col24]. **Guillot** [Hun21a].

**H** [Hun22c]. **habit** [Ask20]. **Hadwiger** [Lor24a, Luk20b, Luk22a]. **haiku** [Hil21]. **Hall** [Cri22c, Shi24]. **Hall/CRC** [Cri22c, Shi24]. **Halving** [Whi22]. **Hamza** [Ste22b]. **handbook** [Cri21c]. **Hannah** [Pra21]. **Hanrahan** [Lev22d]. **hard** [Bay20b, Bay20a, Bay21a, Bay22, Bay23b, Cri22a, Cri22b, Gib22b, Gib23b, Gri20, Haw20, Haw24, Hoa20, Hun20b, Hun21b, Hun22d, Hun20c, Hun21e, Hun21d, Jac20, Jac21, Lor21c, Lor23d, Mac20, Mac23b, Mac24, Rou20a, Rou20b, Rua23b, Sch21a, Shi23c, Shi24, Tol21c, Tol21d, Tol21e, Tol22b, Tol22a, Tol22g, Tol23d, Tol23b, Tol23f, Tol23a, Tol23g, Tol23h, dV21a]. **hardback** [Gib22a, Mal22]. **Hardy** [Jam23c]. **harmonic** [Fel20, Hun21b, Pat22, Pla22a, Sco20, Vil23]. **Harper** [Hun21e]. **Hart** [Hal22a]. **Hart-Davis** [Hal22a]. **Havil** [Hew22]. **Hawk** [Lor22c]. **Hayk** [Rou20a, Rou20b]. **Heard** [Cri21a]. **Heinz** [Gib24]. **Henry** [Tol22a]. **Hermite** [Nat21, Nat22]. **Heronian** [Dol20b]. **Hex** [Ber22]. **highway** [SS20]. **history** [Cri22c, Gîr23, Mac24, Tol23d]. **Hoare** [LR21]. **Hodder** [Lev22d, Lev22c, Lev23b, Lev23c, Lev23a]. **Hole** [Fre21]. **Honorary** [Ryb20]. **Hopkins** [Hun22h, Jac20]. **Horton** [Ryb20]. **Howard** [Tol21e]. **Howes** [Cri22a]. **Howson** [Gar23]. **Hunger** [Hun23b]. **Huygens** [Lor22a]. **Huylebrouck** [Mal22]. **hyperbolas** [Spo22a]. **hyperbolic** [Bea20, Nie21]. **hypergeometric** [Abe20].

**Ian** [Bay23b, Hun20b, Jac21, Lor20b, Tol21a]. **icosahedra** [Kat23]. **identities** [Kir20, Ste23c]. **identity** [Bea22a, BB20, Kol22, Spo24, Ste24]. **II** [Hun22f, Sch21a]. **illuminated** [RZ21]. **Illustrating** [Hau23]. **illustration** [Lig23]. **illustrative** [Bau22]. **implicit** [Jew24]. **Impossibility** [Ohy22]. **impress** [Lor22g, Ste22a]. **improvement** [Jia22]. **Improving** [Fos23]. **inarc** [Luk21a, Luk23a]. **incentre** [Luk21a, LS22]. **incircles** [Ste23a]. **inclusive** [SR20]. **incorrect** [Pau21]. **increasing** [Zam20]. **indefinite** [NT23]. **Indeterminate** [FP24]. **Index** [Ano21b, Ric21a, Ric21b, AMMW22]. **inductive** [Mes23]. **inequalities** [BK21, HP23, Jam23d, KS23, Lor22a, Luk23d, Pla22a, Sco22a, Tho22e, Rou20a]. **inequality** [Far23, Fre22, Haj20, HL23, Jam23c, Jia22, Lor22a, Lor24a, Luk20b, Luk20a, Luk22a, Luk23d, Mes23, OS22, SS22, Tho22d, Tra23]. **inference** [Hun21c]. **infinite** [Lig23, Luk24b, Pas21]. **Infinitely** [LM24, Ale22]. **infinitesimal** [Bau21]. **infinity** [Haw21a]. **Ingmar** [Bay21b]. **inradius** [Spo21a, Tho22e]. **inscribed** [Pla20b]. **inspired** [Ste20c]. **Institute** [Cri24]. **instructive** [Tol21f]. **Integer** [Rea23, Rea22, Ste23b]. **integers** [Cha22, ST23, San23]. **Integral** [BK21, Sin24, Mah20, NO22, Ort20, Sin20, Ste20c, Ste23e]. **Integrals** [CJS20, Abe23, Jam21c, LN22a, NT23]. **Integrating** [Gor23a]. **integration** [HP23, Yeo23]. **interesting** [DB22, DT23, LN22a, Lor23a, Tho22d]. **interevent** [She23]. **interpretation** [Hu22, Uhl23]. **intriguing** [De22b]. **introduction** [Hun22a, Lor23e, Mac23b, Tol22a, Jac20, Tol23b, Hun22c, Lor22d, Tol22b, Tol23g, dV21a]. **Introductory** [Tol21c]. **invariant** [Lor22f]. **inverse** [EH23, HL23, Ste22c]. **inverses** [Cal20b]. **inverted** [Sin21]. **investigation** [Cal20a]. **involution** [Gîr23]. **involving** [Cag23, De22a, Tho22e]. **irrational** [Gho22a]. **irrationality** [Gho22b, Tho22b, MGC20, Shi24]. **ISBN** [Aar22, Bay20b, Bay20a, Bay21a, Bay21b, Bay22, Bay23a, Bay23b, Col24, Cri21b, Cri21c, Cri21a, Cri22a, Cri22b, Cri22d, Cri22c, Cri24, Dav22, Gib22a, Gib22b, Gib23b, Gib24, Gri20, Hal20b, Hal20a, Hal21, Hal22a, Hal22b, Hal22c, Hal23, Haw20, Haw21a, Haw21b, Haw24, Hew22, Hew23, Hoa20, Hop22a, Hun20a, Hun20b, Hun21b, Hun21c, Hun21a, Hun22b, Hun22c, Hun22a, Hun22d, Hun22e, Hun22f, Hun22h, Hun22g, Hun23a, Hun23b, Hun24, Hun20c, Hun21e, Hun21d, Jac20, Jac21, Lev20a, Lev20b, Lev22e, Lev22b, Lev22d, Lev22c, Lev22f, Lev23d, Lev23b, Lev23c, Lev23a, Lev24, Lor20b, Lor21c, Lor22c, Lor22d, Lor22e, Lor23e, Lor23d, Lor24c, Luk23b, Luk24b, Mac20, Mac23a, Mac23b, Mac24, Mal22, Pra21, Rou20a, Rou20b, Rua23b, Rua23a, Sch20, Sch21a, Shi22b, Shi22a, Shi23a, Shi23b, Shi23c]. **ISBN** [Shi24, Slo24, Ste22b, Tol21a, Tol21b, Tol21c, Tol21d, Tol21e, Tol22b, Tol22a, Tol22f, Tol22c, Tol22d, Tol22e, Tol22g, Tol22i, Tol22h, Tol23c, Tol23d, Tol23b, Tol23e, Tol23f, Tol23a, Tol23g, Tol23h, Tol24, Yeo20, Yeo23, dV21a]. **Ishango** [Mal22]. **isomorphism** [Mac21d]. **issue** [Ano20g, Ano20f, Ano20i, Ano20h, Ano21f, Ano21e, Ano21h, Ano21g, Ano22d, Ano22c, Ano22f, Ano22e, Ano22h, Ano22g, Ano23f, Ano23e, Ano23h, Ano23g, Ano23j, Ano23i, Ano24c, Ano24b].

**J** [Bay20b, Bay21a, Gib22a, Hun20a, Hun23c, Lor22d, Tol22a]. **Jackson** [Jam23a]. **Jakob** [GS22]. **James** [Hun22a, Hun23a]. **Jean** [Hun21c, Hun22g, Lev22d, Lev23b, Lev23c]. **Jean-Daniel** [Hun21c]. **Jean-Paul** [Lev22d, Lev23b, Lev23c]. **Jeremy** [Mac24]. **Jessica** [Tol23f]. **João** [Cri21c]. **Jobbings** [Hal20a]. **Johannes** [Coo21]. **Johansen** [dV21a]. **John** [Cri21a, Mac23b, Tol23b, Yeo20, Ryb20]. **Johns** [Hun22h, Jac20]. **Johnston** [Tol23g]. **Jonathan** [Hop22a]. **journey** [Cri21a]. **journeys** [Hal22b]. **Joy** [Pra21, Tol21d]. **Judea** [Haw20]. **Julian** [Hew22]. **July** [Ano20c, Ano21d, Ano23c, Ano24a, Bur22, Lor23i]. **justification** [Dow20].

**Kahn** [Tol21c]. **Karen** [Hun23b]. **Katz** [Lor22c]. **keeps** [Vig20]. **Kepler** [Coo21, Sci24]. **Kernighan** [Hoa20]. **Kevin** [Shi23a]. **King** [Hun23a]. **Kirkman** [Sil20]. **Kit** [Shi22b]. **Klaus** [Gib24]. **know** [Hal23]. **Körner** [Lor22e]. **Kühn** [Yeo23].

**L** [Hun20a, Yeo23]. **Langley** [BM23, Sil22]. **Laplace** [Col24, KM21]. **large** [Hun23c]. **last** [Sin21]. **lattice** [Lor23b]. **law** [Lau22]. **Lawrence** [Shi22a, Tol23b]. **Lawson** [Lor23e]. **LCM** [Sin22]. **Learning** [De21b, Sko20, Tol21e]. **least** [Hun23c]. **left** [Pas21]. **left-sided** [Pas21]. **Legendre** [Shi20]. **Lehmann** [Bay21b]. **Lehmus** [Haj23a, Haj23b]. **Leibniz** [Awa24]. **Lemoine** [HE24, Sco23]. **length** [CK21]. **lengths** [OS23, SO23]. **Less** [Fos23]. **letter** [Tol22c]. **level** [Lev22d, Lev22c, Lev23b, Lev23c, Lev23a]. **Lie** [Hun22g, All20]. **life** [Shi22b, SA20, Bay23a, Gri20]. **light** [Cri21b]. **like** [TT24, Tol21e, Wap23]. **limit** [Bau21, CC24]. **limit-revisited** [CC24]. **Limits** [Geo20a, Pla20a]. **Lindsay** [Hun22h]. **line** [Ban23, Lor24a, Sco23]. **linear** [Mac20, Tol23g, Bay22, Gib22b, Hun22d, Hun22e, Hun22f]. **Linearly** [KS21]. **lines** [AT21, Lor22f]. **link** [Nie21]. **Lipschitz** [Jam23a]. **Listener** [Sta21b]. **Liz** [Pra21]. **local** [Hun21a]. **Location** [Luk23a]. **Locus** [Fri22]. **Loftus** [Tol23e]. **logarithm** [Ort20]. **Logic** [Lor24c, Tol22c, Slo24]. **Long** [ASAMHH21, Lev24, Ste22c]. **long-forgotten** [Ste22c]. **look** [Ste22c, Sul22]. **Lorenzo** [Mac23b]. **lost** [GS21, KNS23, Hun24]. **Louridas** [Aar22]. **lover** [Tol22f]. **lower** [Has24]. **Lucas** [SE20b, Spo22a]. **Ludmila** [Luk24b, Shi23b]. **Lukarevski** [Tho22c].

**M** [Hun20a]. **MA** [Hal22b, Ano22b]. **MacHale** [Cri21b, Lor24c, Tol22c]. **Maclaurin** [Gor23a, Lor21a, Nim22]. **Madhava** [Awa24]. **MAG** [Ano20g, Ano20f, Ano20i, Ano20h, Ano21f, Ano21e, Ano21h, Ano21g, Ano22d, Ano22c, Ano22f, Ano22e, Ano22h, Ano22g, Ano23f, Ano23e, Ano23h, Ano23g, Ano23j, Ano23i, Ano24c, Ano24b]. **majorisation** [Jam22b]. **make** [Hun23c]. **makers** [Hal21]. **makes** [Dav22, GT23, Lev21b, Luk22b, Ste23d]. **making** [Cal20a, Coo21, Hun21d]. **Malcolm** [Lev22b]. **manifesto** [Slo24]. **Mann** [Cri22c]. **many** [Ale22, Hun23c, LM24, Pra21]. **Maor** [Hew23]. **mappings** [Hau23]. **Maps** [PPP23]. **March** [Ano20d, Ano22a, Ano23d]. **Marcus** [Bay23a]. **Mariette** [Hun21c]. **Mark** [Bay22, Lor22d, Lor23e].

**Markov** [Sie20]. **Marques** [Hun22e, Hun22f]. **Mary** [Cri22c]. **mass** [Lor23l]. **Massachusetts** [Cri24]. **Math** [Hun24, Ste22b, Bay23a, Hal21]. **Mathematical** [Hal20b, Hal22b, Haw21b, Hun22b, Hun22d, Hun22e, Hun22f, Hun23a, Hun24, Ryb20, Ask20, Cal20a, Kob23, Lor20a, Mac23a, Mah21a, Mah22b, Pra21, SA23d, Bay21b, Sch21a]. **mathematically** [Hew22, Pau21]. **mathematician** [Rua23a, Hun22d, Shi22a]. **mathematicians** [Cri22d, Hun23c, Lor20a, Mac23b]. **Mathematics** [Hal20a, Lev22d, Lev22c, Lev23b, Lev23c, Lev23a, Row22, Cri22c, Cri24, Gri20, Hal22b, Hal23, Hun23b, Lev20a, Lev20b, Lev22e, Lev23d, Mal22, Shi23c, Tol21c, Tol22f, dlR22, Cri21a, Lor23e, Luk23b, Rou20b, Tol23d, dV21a, Cri22c, Gib24, Lev22b]. **Mathematikum** [Buh23]. **maths** [GT23, Shi22b, Hun21e]. **Matrices** [Cal20b, Bea24, Has21b]. **Matrix** [Kob20, Hil21, Mac20, Spo24, Tol23g]. **matter** [Ano20g, Ano20f, Ano20i, Ano20h, Ano21f, Ano21e, Ano21h, Ano21g, Ano22d, Ano22c, Ano22f, Ano22e, Ano22h, Ano22g, Ano23f, Ano23e, Ano23h, Ano23g, Ano23j, Ano23i, Ano24c, Ano24b]. **Matthew** [Hun22c]. **May** [Gar23]. **McGill** [Cri22d]. **McGill-Queen** [Cri22d]. **McMahon** [Pra21]. **mean** [Pla22a]. **measure** [Yeo23]. **Mechanics** [Lev23b, De22b]. **Meckes** [Bay22]. **medial** [Hum20]. **median** [Vu21, Vu21]. **median-orthologic** [Vu21]. **Median-parallelogic** [Vu21]. **medians** [ASAMHH21]. **Member** [Ryb20]. **members** [Hal22b, Haw21b]. **memory** [Mac21b]. **mensuration** [Lor21b]. **meridian** [Cri22c]. **Mesquita** [Tol22h]. **method** [Bea22c, LH22, Mac21c, MY22b, Pat22]. **Methods** [Bay20a]. **metric** [Gor23b]. **Michael** [MC21]. **Michel** [Hun22g, Mac23b]. **midpoint** [Jam21c]. **midsquare** [Jos20]. **Millions** [Hoa20]. **mind** [Ask20, Hun21d]. **minds** [Cri22a]. **Minimum** [Pla20b, Sam23]. **Mircea** [Lev20a, Lev20b, Lev22e, Lev23d]. **Misak** [Cri22b]. **missed** [Hal23]. **mistake** [De21b]. **Möbius** [Joh21]. **model** [Che23]. **Modelling** [Sko20, Hop22a]. **Modern** [Hal22a, Dun23, GS22, Tol22a]. **modified** [Fel20]. **modular** [SE20a]. **Moivre** [Luc24]. **Mollweide** [Lau22]. **monist** [Slo24]. **monotone** [EH23]. **Monotonic** [LN22b, Jam21d, Jam21a]. **Monotonicity** [Jam21c]. **Monte** [Sie20]. **Moore** [Lev22d]. **Morais** [Cri21c]. **moral** [All21]. **Morley** [Sil21b]. **Muldoon** [Tol21c]. **Multiplication** [Spo23]. **multiplicative** [Sur20]. **Muscat** [Lev22d, Lev23b, Lev23c]. **Museum** [Hun24]. **musical** [Dav22]. **mystic** [Ste23c].

**Nahin** [Bay21a, Hun23c]. **Nairi** [Rou20a, Rou20b]. **Nathaniel** [Tol23g]. **nation** [Cri22a]. **natural** [Sin22]. **Nature** [Gib23b]. **navigation** [Wap20]. **near** [LN22b]. **needed** [Hal23]. **nested** [Lor22b]. **Nets** [Lor22c]. **Neumann** [MC21]. **news** [Row22]. **Newton** [Lam21, Lau22]. **next** [Lor20a]. **Niccolò** [Tol23d]. **Nick** [Lev23a]. **nim** [FL22]. **NJL** [Ano24d]. **no** [Mel21, Pas21]. **Noam** [Lev24]. **Noether** [Rua23a]. **non** [Mac21d]. **non-isomorphism** [Mac21d]. **note** [Lor21d]. **Notes** [ASH20a, Tol23c, Sta21b]. **novel** [MY22b]. **November** [Gar23, Ano20e, YC23]. **number** [Bay20a, Cag20, Hun20c, Mac21a, Pat22, Row22, Sar23, Shi24, Sin22, Ste24, Tol22c]. **numbers**

[Bea22a, Ber22, Bro22, Cag21, Cag22, Cag23, Gup24, Jam21b, Kir20, Les20, Lor22e, Now20, SE20a, Sil23b, Sin22, Ste23e, Vu22, Hun22h]. **numerical** [Uhl23]. **Nurturing** [Lor20a].

**OBE** [MC21]. **observations** [Lor22a, Has22]. **Obtaining** [KF23]. **OCR** [Lev22d, Lev22c, Lev23b, Lev23c, Lev23a]. **octagonal** [Cag20]. **odd** [Cag20, Jam21b, Kol22, Lor23f, ST23, San23]. **odd-powers** [Kol22]. **odyssey** [Ste20c]. **off** [DB22]. **old** [Lor21b, Nic20a]. **one** [Lor24a, Sch21b, Slo24, Tol22d]. **one-line** [Lor24a]. **open** [Jah22]. **open-top** [Jah22]. **optimisation** [De22a, Lor22i, Lor23c]. **optimization** [Tol22b]. **orbits** [Sam23]. **order** [Geo20a]. **ordinary** [Geo20a]. **Ording** [Lor21c]. **orthogonal** [AT21]. **orthologic** [Vu21]. **Osterlind** [Bay20b]. **other** [Cag22, GS21, Jew24, Pat22]. **Owen** [Slo24]. **own** [Hun21d]. **Oxford** [Bay20b, Cri22b, Hun20c, Lev22b, Lev22f, Slo24, Tol21c, Tol21d, Tol22d, Tol22e, Tol23h].

**P** [Hun22e, Hun22f, Cri21c]. **Pack** [Hal22b]. **pair** [Jam23d]. **Pairing** [KF21a]. **pairwise** [Bea24]. **pairwise-tangent** [Bea24]. **palindromic** [OI23]. **pancake** [Sao20]. **Panos** [Aar22]. **Paolo** [Tol23c]. **paper** [Aar22, Bay21b, Col24, Cri21b, Cri21a, Cri22d, Cri22c, Cri24, Gib22a, Gib24, Hal20b, Hal20a, Hal22a, Hal22c, Hal23, Haw21a, Haw21b, Hew22, Hew23, Hun20a, Hun21c, Hun21a, Hun22c, Hun22a, Hun22e, Hun22f, Hun22g, Hun23a, Hun23b, Hun23c, Lor20b, Lor22c, Lor22d, Lor22e, Lor23e, Lor24c, Luk24b, Mac23a, Mac23b, Pra21, Rua23a, Sch20, Shi22b, Shi22a, Shi23a, Shi23b, Ste22b, Tol21a, Tol21b, Tol22f, Tol22c, Tol22d, Tol22e, Tol22i, Tol22h, Tol23c, Tol23e, Tol24, Yeo23]. **paperback** [Dav22, Hop22a, Hun24, Luk23b]. **parabolas** [KF21a]. **Parabolic** [KF21b]. **paradox** [Bev22]. **Parallel** [Geo20b, Kob23]. **parallelogic** [Vu21]. **parallelograms** [HK23a, HK23b]. **parameters** [CJS20]. **parental** [CF21]. **Parshall** [Hun23b]. **parts** [TT24]. **Pascal** [Sil20]. **Paseau** [Slo24]. **pass** [GS21, KNS23]. **Passionate** [Kit21]. **paths** [Kob23]. **pattern** [Cal20a]. **Patterns** [Spo24]. **Paul** [Bay21a, Hun23c, Lev22d, Lev23b, Lev23c, Mac23a]. **Paying** [SA20]. **Pearl** [Haw20]. **Pedro** [Cri21c]. **Pell** [SE20b]. **pendulum** [De24]. **penguin** [Hal22b]. **Pentagonal** [Cag22]. **perfect** [Les20, Sha24]. **perimeter** [Pla20b]. **periodic** [KS21, Joh21]. **periods** [SE20a]. **perpendicularities** [Tos23]. **perspectives** [Jam23d]. **pertinent** [Ayd24]. **Peter** [MC21]. **Philip** [Lor21c]. **physical** [Mah21a, Mah22b]. **Pic** [Sch21b]. **picture** [ST23]. **Pie** [Haw21b]. **Pierre** [Hun21a]. **Pipeline** [Ano20c, Ano20d, Ano20e, Ano21d, Ano22a, Ano23c, Ano23d, Ano24a]. **Pitici** [Lev20a, Lev20b, Lev22e, Lev23d]. **Pitot** [Bea21b]. **planar** [Ber22, Fre21]. **plane** [Bea20, Bea23b, Bur20, HS20]. **planetary** [Che23]. **plates** [Hop22b]. **play** [Tol21a]. **playing** [Dub22]. **plot** [Jew24]. **plus** [Lor24c]. **poetry** [Lev22b]. **point** [GS22, Luk23a, PdV22, Sco22b]. **points** [ASH20a, Gib23a]. **polar** [Lor24d]. **pole** [Lor24d]. **polygonal** [Sar23].

**polygons** [Lau23b, Lor22b, Lor23b, Ste23a, Kir20]. **polyhedra** [Ott24]. **polyhedrists** [Lev24]. **polynomial** [HLM24, Nic21]. **polynomials** [Jam20, Jam23a, Kob20, Nat21, Nat22, Zam20, dlR22, Mel21]. **Posamentier** [Bay21b, Gri20, Hal21]. **positive** [Cha22]. **possible** [Hun23c]. **postulate** [Sil24]. **Potter** [Mah21b]. **Power** [GS22, Wap21]. **powers** [Bau22, Cer23, Cha22, Kol22, Sha24, Cri22b]. **pp** [Aar22, Bay20b, Bay20a, Bay21a, Bay21b, Bay22, Bay23a, Bay23b, Col24, Cri21b, Cri21a, Cri22a, Cri22b, Cri22d, Cri22c, Cri24, Dav22, Gib22a, Gib22b, Gib23b, Gib24, Gri20, Hal20b, Hal20a, Hal21, Hal22a, Hal22b, Hal22c, Hal23, Haw20, Haw21a, Haw21b, Haw24, Hew22, Hew23, Hoa20, Hop22a, Hun20a, Hun20b, Hun21b, Hun21c, Hun21a, Hun22b, Hun22c, Hun22a, Hun22d, Hun22e, Hun22f, Hun22h, Hun22g, Hun23a, Hun23b, Hun24, Hun20c, Hun21e, Hun21d, Hun23c, Jac20, Jac21, Lev20a, Lev20b, Lev22e, Lev22b, Lev22d, Lev22c, Lev22f, Lev23d, Lev23b, Lev23c, Lev23a, Lev24, Lor20b, Lor21c, Lor22c, Lor22d, Lor22e, Lor23e, Lor23d, Lor24c, Luk23b, Luk24b, Mac20, Mac23a, Mac23b, Mac24, Mal22, Pra21, Rou20a, Rou20b, Rua23b, Rua23a, Sch20, Sch21a, Shi22b, Shi22a, Shi23a, Shi23b, Shi23c]. **pp** [Shi24, Slo24, Ste22b, Tol21a, Tol21b, Tol21c, Tol21d, Tol21e, Tol22b, Tol22a, Tol22f, Tol22c, Tol22d, Tol22e, Tol22g, Tol22i, Tol22h, Tol23c, Tol23d, Tol23b, Tol23e, Tol23f, Tol23a, Tol23g, Tol23h, Tol24, Yeo23, dV21a]. **practical** [GS21, Jac20]. **predictive** [Wap21]. **prelude** [Mac23b]. **present** [Shi22a]. **preserving** [Bea23b]. **Presidential** [Fos23, Ano22b, Pri22]. **Press** [Aar22, Bay20b, Bay21a, Bay22, Col24, Cri21b, Cri21a, Cri22a, Cri22b, Cri22d, Cri24, Dav22, Gib22a, Gib22b, Hal22c, Hal23, Hew22, Hew23, Hoa20, Hop22a, Hun20a, Hun20b, Hun21b, Hun21c, Hun21a, Hun22c, Hun22a, Hun22h, Hun22g, Hun23b, Hun20c, Hun21d, Hun23c, Jac20, Lev20a, Lev20b, Lev22e, Lev22b, Lev22f, Lev23d, Lev24, Lor20b, Lor21c, Lor22c, Lor22d, Lor22e, Lor23d, Lor24c, Luk23b, Mac23a, Mac23b, Pra21, Rua23b, Sch21a, Shi22a, Shi23a, Slo24, Tol21c, Tol21d, Tol21e, Tol22b, Tol22a, Tol22f, Tol22c, Tol22d, Tol22e, Tol22g, Tol22i, Tol22h, Tol23c, Tol23d, Tol23b, Tol23e, Tol23f, Tol23h, Yeo20, Yeo23]. **Press/Elsevier** [Tol23e]. **Press/Elsevir** [Tol22a]. **pretty** [Jam22c, Ste21b]. **price** [Wap20]. **prime** [Con23, Has21b, HLM24]. **prime-composite** [Con23]. **prime-producing** [HLM24]. **primes** [Ayd24, Shi23a]. **Princeton** [Bay21a, Cri22a, Hew22, Hew23, Hoa20, Hun23b, Hun21d, Hun23c, Lev20a, Lev20b, Lev22e, Lev23d, Lor21c, Lor23d, Mac23b, Pra21, Rua23b, Tol22g, Tol22h, Tol23f]. **principle** [Jam22b]. **Pritchard** [Hal20b, Hal22b]. **probabilistic** [PS22b]. **probabilistically** [Tol22i]. **probabilities** [Geo20b]. **Probability** [Wap22, Bou21, BK21, CK21, Tol22d, Tol22e]. **Problem** [Ano24d, BM23, Dol20c, L.21a, L.21b, L.22c, L.22a, L.22b, L.23, L.24, Lor20c, Lor20d, Lor23j, Lor23k, Bos21, De22a, Jah22, Kro24, KNS23, Lor22b, Oku23, Sil22, Sur20, Tho22a, Vol22]. **Problems** [Dol21c, Rob20, Sa23c, Sa23a, Sa23b, Sa24, Woo21, WS22, Woo22a, Woo22b, Fri22, GS21, HS20, Lor22i, Lor23c, Nak22, Bay20a, Hal20a]. **processes**

[Hop22a, Tol22e]. **producing** [HLM24]. **products** [BL20, Luk23b]. **Profile** [Haw21a, Tol21a]. **progression** [ASH20b, Cer23, OS23, SO23]. **promenade** [Kob23]. **Prometheus** [Bay21b, Gri20, Hal21, Tol21b]. **Proof** [Ber22, Luk22b, Cha24, Dal21, Das22, Dol21a, Gho22a, Gho22b, Has22, Hun22i, Lau23a, Lor24a, Mes23, Ort20, Pel22, Pla22a, Sil24, Tho22c, Cag20, Fre22, Has21a, HL23, Has24, Lev21b, Luk24a, Pla20b, Pla22b, Ste23d, ST22, Lor21c]. **Proofs** [Ber20, Cha21, Cha22, Haj20, KS23, Mar22, ST23]. **properties** [KF24, Sch21b, dV21b]. **property** [RZ21, Ste20a, Wap23]. **proportion** [Bro22]. **prove** [Gib22a]. **Proving** [HP23]. **Proximity** [Luk21a]. **Ptolemy** [RZ21, Tho22d]. **Publications** [Ste22b]. **puzzle** [Nic20a, Tra24]. **puzzles** [Haw21b, Tol22c]. **PWW** [AU22, Ban23, OS22]. **Pythagorean** [Hun22i, Kro24, Lau23a, Spo21a].

**quadrangle** [Pla20b]. **quadratic** [Vil23]. **quadratics** [Bou21]. **quadrature** [Mah21c]. **quadrilateral** [Dal21, Fri22, Lor23l, Mey20, Sci22, VVK21, dV21b]. **quadrilaterals** [Dal22, Jos20, Jos22]. **Quantitative** [Hal22c]. **quantum** [Mac23b]. **quartic** [MY22b]. **quasi** [OI23]. **quasi-palindromic** [OI23]. **quaternionic** [Cri21c]. **Queen** [Cri22d, Cri21a]. **Quercus** [Haw24, Shi22b]. **question** [Les20, Tol21f]. **questionable** [Wap22]. **quick** [Lor22h, KS23]. **quintic** [Ohy22].

**R** [Hun23a, Sch21a, Tol22d, Tol22e, Tol23e]. **rabbits** [Hal22a]. **Radek** [Hop22a]. **radical** [Kul21]. **radii** [Luk22a]. **rainbow** [PS22b]. **Ramanujan** [Gad20, Sil24]. **Ramsey** [Cri22b]. **random** [Bou21, NO22, Nak22, Tol22e]. **range** [Sco20]. **Ranjan** [Luk23b]. **Ransome** [Haw21b]. **ratio** [Cus21, Lor24b, Yos22]. **rational** [Now20, Tho22a, Vu22]. **Ratios** [Dol20b, Jam21a, Jam21d]. **Raymond** [Cri22c]. **reaction** [Hop22a]. **Real** [Nat22, Bea22b, Bou21, Mel21, NO22, Nat21, Cri21c]. **Real-rooted** [Nat22, Nat21]. **real-valued** [NO22]. **Reasoning** [Ask20, Hal22c]. **Rebecca** [Pra21]. **Received** [Ano20a, Ano21a]. **Reconciling** [Lor21a]. **Rectangles** [Rid21b]. **recurrence** [Bea23c, Dol20a]. **refinement** [Cer23]. **regular** [Ott24, RV24]. **related** [GA23, KS23, Les20, Lor22a, Lor23b, Pat22]. **Relating** [KF24, Sin20, Uhl23]. **relation** [Gor23b, Luk23d]. **relations** [Bea23c, Dol20a, SE20b]. **relationships** [Cag22]. **relative** [Abe20]. **remainders** [Gor23a, Lor21a]. **remark** [Far21, Far23]. **remarkable** [Tra24]. **Remarks** [Sha24]. **Removing** [Fos23]. **René** [Yeo23, Kit21]. **renewal** [She23]. **repayment** [SA23d]. **Repeated** [BL20]. **representation** [Ste23e, Vu22]. **Representations** [Hun22g]. **represented** [Yos22]. **Republic** [Hun22h]. **result** [KF23]. **results** [KNS23, Mac21a]. **Review** [Aar22, Bay20b, Bay20a, Bay21a, Bay21b, Bay22, Bay23a, Bay23b, Col24, Cri21b, Cri21c, Cri21a, Cri22a, Cri22b, Cri22d, Cri22c, Cri24, Dav22, Gib22a, Gib22b, Gib23b, Gib24, Gri20, Hal20b, Hal20a, Hal21, Hal22a, Hal22b, Hal22c, Hal23, Haw20, Haw21a, Haw21b, Haw24, Hew22, Hew23, Hoa20, Hop22a, Hun20a, Hun20b, Hun21b, Hun21c, Hun21a, Hun22b, Hun22c,

Hun22a, Hun22d, Hun22e, Hun22f, Hun22h, Hun22g, Hun23a, Hun23b, Hun24, Hun20c, Hun21e, Hun21d, Hun23c, Jac20, Jac21, Lev20a, Lev20b, Lev22e, Lev22b, Lev22d, Lev22c, Lev22f, Lev23d, Lev23b, Lev23c, Lev23a, Lev24, Lor20b, Lor21c, Lor22c, Lor22d, Lor22e, Lor23e, Lor23d, Lor24c, Luk23b, Luk24b, Mac20, Mac23a, Mac24, Mal22, Pra21, Rou20a, Rou20b, Rua23b, Rua23a, Sch20, Sch21a, Shi22b, Shi22a, Shi23a, Shi23b, Shi23c, Shi24]. **Review** [Slo24, Ste22b, Tol21a, Tol21b, Tol21c, Tol21d, Tol21e, Tol22b, Tol22a, Tol22f, Tol22c, Tol22d, Tol22e, Tol22g, Tol22i, Tol22h, Tol23c, Tol23d, Tol23b, Tol23e, Tol23f, Tol23a, Tol23g, Tol23h, Tol24, Yeo20, Yeo23, dV21a]. **reviewed** [Hal22c, Tol22i]. **Reviews** [Mac23b]. **revisited** [BK21, CC24, HLM24, Jam22c, Lor22b, Muk23, Sil21a, Ste21b, Tho22a]. **Revisiting** [LSS23, Jam21b]. **revolution** [Bel22]. **Rewriting** [dlR22]. **rhythm** [Dav22]. **Ricardo** [Tol22a]. **Riemann** [Mun20, Pla22b]. **right** [De22a, Sci22, Nie21]. **Right-angled** [Nie21]. **Rindler** [Sch20]. **rivals** [Dun23]. **Rob** [Hun21e]. **Roberts** [Hun22h]. **Robinson** [Hun22a]. **Rods** [Mal22]. **role** [Ott24]. **Rolle** [Das22]. **room** [Hal20b]. **root** [Gup24]. **rooted** [Nat21, Nat22]. **roots** [Bou21, Bra23, Nic21, Spo24, Tho22b, Zam20]. **rose** [Ste23c]. **roughly** [Hun21e]. **Routh** [Haj21]. **Rowe** [Rua23a]. **Roy** [Luk23b]. **Royal** [Cri22a]. **Royle** [Cri22d]. **Rudolf** [Tol21b]. **Rudolphine** [Coo21]. **rule** [Bel22, Hu22]. **rules** [VVK21]. **Rune** [dV21a].

**S** [Bay21b, Bay22, Gri20, Hal21, Hop22a, Lor22d, Mac20]. **Saeed** [Lor23d]. **Samia** [Tol22b]. **Sangaku** [Bos21]. **Sautoy** [Bay23a]. **Scarabotti** [Hun21b]. **Scheinerman** [Tol22f]. **Schilling** [Yeo23]. **school** [Hal23]. **Schwarz** [Far23, Fre22]. **science** [Wap22, Lev22b, Tol24]. **sciences** [Mah21a, Mah22b]. **Scientific** [Tol24]. **scientist** [Tol21e]. **second** [Geo20a, Hal23, Lor23e, Luk23b, SR20]. **secondary** [dlR22]. **secret** [Tol22g]. **sections** [Lor24c]. **sector** [Ste20b]. **Sedrakyan** [Rou20a, Rou20b]. **seemingly** [Pra21]. **Selvin** [Tol21d]. **semi** [Haj22]. **semi-angle-bisectors** [Haj22]. **Senior** [Hal20a]. **sense** [Row22]. **sequences** [Jam21d, Joh21, Kac20, Lig23, Luk24b]. **series** [Ale22, Ber20, Fel20, Jam22c, Lig23, LN22b, Mun20, Sao20, Sch21b, Ste21b, Luk24b, Luk23b]. **servant** [Cri21a]. **SET** [Pra21]. **Shaun** [Jac20]. **sheer** [Cri22b]. **Shores** [Mac20]. **short** [Hun20b, Mar22]. **shortcut** [Bay23a]. **side** [Dal21, OS23, SO23]. **side-angle** [Dal21]. **side-lengths** [SO23]. **sided** [Pas21]. **sides** [ASH20b, Cag21]. **significance** [McL20]. **Silberstein** [Hun21b]. **similar** [Cal20b]. **Similarities** [Bea23b]. **Simon** [Shi23c]. **simple** [Dol21a, Jam23d, Pra21, Ste23e, Ayd24]. **Simpler** [Kul21]. **simplification** [LSS23]. **simulation** [Tol24]. **simultaneous** [Lor22h]. **sine** [Gor23a, VVK21]. **Singular** [Bea24]. **six** [Gib23a, PdV22]. **six-point** [PdV22]. **sixes** [McB21]. **sixteenth** [Lev24]. **slides** [CF21]. **slower** [Bay21a]. **slowly** [De24]. **small** [Hun23c, Lor21d]. **Smith** [Gup24]. **Snezana** [Shi22a]. **Society** [Cri22a, Hun22b, Hun22d, Hun22e, Hun22f, Hun23a, Hun24]. **solid** [Bel22]. **Solution** [Ohy22, LSS23, Ohy20, OI23]. **solutions** [Bea22b, Bos21]. **solve**

[MY22b]. **solving** [All20, Bay20a, Ohy22]. **Some** [Mah21a, Sil23b, Tra23, Tra24, dV21b, Bur20, Gri21, Lor21b, Lor23c, SA23d, Lor22a, Mac21a, Now20, Sch21b]. **Sonar** [Gib23b]. **Sophie** [Hun22e, Hun22f, Lev22d]. **Sorbo** [Mac23b]. **Søren** [dV21a]. **souls** [Kit21]. **space** [Tol22b]. **spaces** [Sie20]. **Sparks** [Lev22c]. **special** [Pla20a]. **specific** [Mah20]. **speed** [Mer23]. **spin** [DB22]. **spin-off** [DB22]. **spiral** [Cal20a, Ste21a]. **spirals** [Cri20, Rid21b]. **sport** [Tol21c]. **sports** [AMMW22]. **Spreitzer** [Gri20]. **Spreizer** [Hal21]. **Springer** [Gib23b, Gib24, Luk24b, Mac20, Mac24, Mal22, Rou20a, Rou20b, Rua23a, Sch20, Shi23b, Shi23c, Tol23a, Tol23g]. **Sprößig** [Cri21c]. **square** [Bro22, Cag20, Jam21b, Pla20b, Shi20, Spo24, Tho22b]. **square-free** [Bro22, Jam21b]. **squares** [Bea23a, Dol21a, Jam22a, Mac22, ST23, Ste20a]. **squaring** [Lor23a]. **stair** [Rou20b]. **stair-step** [Rou20b]. **staircase** [Roi23]. **standard** [Lor23c]. **starlight** [Lam21]. **state** [Sie20]. **Statistics** [Lev23c, Tol21c, Tol23e, Tol21d]. **Steiner** [GS22, Haj23a, Haj23b]. **Steiner-Lehmus** [Haj23b]. **step** [Rou20b]. **Stephen** [Tol23e]. **Steve** [Tol21d]. **Steven** [Bay20b, Hun22d, Sch21a]. **Stewart** [Bay23b, Jac21, Lor20b, Tol21a]. **Stirzaker** [Tol22d, Tol22e]. **Stochastic** [Hop22a]. **story** [Lor22f, Nic20a]. **Strang** [Gib22b]. **strategies** [FL22]. **Strick** [Gib24]. **structure** [Nic21, Spo21b]. **Student** [Dol20c, Dol21c, Rob20, Sa23c, Sa23a, Sa23b, Sa24, Woo21, WS22, Woo22a, Woo22b, Col24]. **success** [All21]. **sufficiency** [Dal21]. **suggestive** [Pau21]. **sum** [Ayd24, Bau22, Mun20, Nim22, Pla22b]. **Sums** [Bra23, San23, Bea23a, Cer23, Cha22, Jam22a, Pat22, ST23, Tho22b, Bea23a, Ber22, Ste23b]. **surface** [Sta20]. **surprising** [Wap23]. **surprisingly** [Abe23, Jew24]. **Surveying** [Bea20]. **Susan** [Lev22d]. **Svetlin** [Cri21c]. **Switzerland** [Gib23b]. **Sylvester** [Nat21, Nat22]. **synthetic** [Pel22].

**T** [Dav22, Lor22e]. **tables** [Lor23f, Coo21]. **tail** [NO22]. **Talagrand** [Mac23b]. **tale** [De21a, Lor24d, McB21]. **Tall** [Lor20b]. **tangent** [Bea24, HL23, Yos22]. **tangents** [Lau22]. **Taschner** [Tol21b]. **Taylor** [Lor23e]. **teacher** [GT23]. **teaching** [dlR22]. **tears** [FP24]. **technique** [KM21]. **Technology** [Cri24]. **telescope** [Muk23]. **tennis** [CK21, Wap23]. **tennis-like** [Wap23]. **Tessellation** [Sta20]. **test** [SR20]. **tetrahedra** [Fox20]. **Thébault** [Vig20]. **their** [Cag22, Cal20b, LN22b, Ste23a]. **themes** [Mah21c]. **theorem** [Awa24, Bea21b, Cag23, Dal21, Dol21b, Dol21a, Dol24, Gîr23, Haj23b, Hun22i, Jam23a, KM21, Lau23a, Lev21a, Luc24, Nat22, PdV22, Pel22, Rid21a, RZ21, Seb22, She23, Shi20, Sil21b, Sin21, Das22, DT24, Haj23a]. **theorems** [Fal21, KF21a, Kon20, Sil23a, Sil23b, SWT21]. **theory** [Bay20a, BK21, Mac23b, Mac21a, Row22, Tol22b, Hun21a, Hun22b, Mac23b, Shi24, Tol23a, Luk24b]. **there** [Pas21]. **things** [Hun23c]. **think** [Tol21e]. **Thinking** [Bay23a, Tol22i, Tol22h]. **third** [Gib22a]. **thirteenth** [Sta21a]. **Thomas** [Gib23b, Hal23, Mac20]. **thousand** [Tol22d]. **three**

[Has21b, Shi20, LS22]. **three-square** [Shi20]. **Threshold** [Bev22]. **times** [She23]. **Tointon** [Hun22c]. **Tolli** [Hun21b]. **tool** [dlR22]. **top** [Jah22]. **topological** [Hun21c]. **topology** [Jac20, Hil21, Hun20b]. **Toscano** [Tol22g]. **tournament** [Wap21]. **Toussaint** [Dav22]. **tractrix** [De22b]. **transcendence** [Shi24]. **transform** [KM21]. **Transformed** [Hun23a]. **transforms** [Col24]. **translated** [Lev22b]. **Trapezia** [SO23]. **trapezium** [Jam21c, OS23]. **treasure** [Bay21b]. **trials** [Kac20]. **triangle** [ASH20a, Ber20, Gor23b, Haj21, Haj22, Hum20, Luk20b, Luk20a, Nar20, Rea22, Sci24, Sco20, Sco22b, Sco23, SS22, Sil23b, Ste24, Tho22e, Whi22]. **Triangles** [ASH20b, Dol20b, Gri24, Hum20, Nie21, Rea23, Sci22, Sci24, Vu21, Rua23b]. **triangular** [DL21]. **Tricia** [Tol21c]. **Trigonometric** [OS22, Ste23c, Kir20, Ste22c, Hew23]. **trigonometrical** [Sco22a]. **triples** [Kro24, Spo21a, Spo21b]. **trisect** [Ban23]. **trisecting** [Ban23]. **trisectrix** [Sil22]. **Tropical** [Nor20]. **trove** [Bay21b]. **true** [Slo24]. **Trust** [Hal20a]. **truth** [Bay20b, Tol21e]. **truthiness** [Tol21e]. **Tullio** [Hun21b]. **ture** [Sch21b]. **Two** [HS20, Jam21d, Lor22i, Mar22, Ber20, De21a, Dol21a, Fri22, KS23, Lor23c, McB21, Abe23, Bos21, Lor23b]. **two-squares** [Dol21a]. **two-variable** [Lor23c]. **type** [Pla20a, Hun22g]. **types** [Sar23].

**Ubiquitous** [CF21]. **UK** [Hal20a, SA20]. **uncertain** [Wap22]. **undergraduates** [Shi23c]. **underground** [Tol23c]. **Understanding** [Jac20]. **unexpected** [Bay21b, Wap21]. **unfolding** [Dol20a]. **ungula** [Wil23]. **Unifying** [Kon20]. **University** [Bay20b, Bay21a, Bay22, Col24, Cri21b, Cri21a, Cri22a, Cri22b, Cri22d, Gib22a, Gib22b, Hal22c, Hal23, Hew22, Hew23, Hoa20, Hop22a, Hun20a, Hun20b, Hun21b, Hun21c, Hun21a, Hun22c, Hun22a, Hun22h, Hun22g, Hun23b, Hun20c, Hun21d, Hun23c, Jac20, Lev20a, Lev20b, Lev22e, Lev22b, Lev22f, Lev23d, Lor20b, Lor21c, Lor22c, Lor22d, Lor22e, Lor23d, Luk23b, Mac23a, Mac23b, Pra21, Rua23b, Sch21a, Shi23a, Slo24, Tol21c, Tol21d, Tol21e, Tol22f, Tol22d, Tol22e, Tol22g, Tol22i, Tol22h, Tol23c, Tol23d, Tol23b, Tol23f, Tol23h, Yeo20, Yeo23, Lor23e]. **unsolved** [Sur20]. **unusual** [Kol22, Lor22i, SE20b]. **use** [Bay23b, Kro24, SWT21]. **using** [Fre22, Ohy22, SE20a, Spo21a, Vol22].

**V** [Jac20, Lor23e]. **Val** [Lev22d]. **valued** [NO22]. **variable** [Lor23c]. **variables** [Lor22d, NO22]. **variations** [Lor21c, Mac24, Sch20]. **Various** [Jam23d]. **Vasek** [Mac23a]. **vector** [BL20]. **Velleman** [Gib22a]. **velocity** [SS20]. **Verifying** [Mac21d]. **Verlag** [Gib24, Luk24b, Mac20, Mac24, Mal22, Rou20a, Rou20b, Rua23a, Sch20, Shi23b, Shi23c, Tol23a, Tol23g]. **versine** [Ste22c]. **version** [Hal22c]. **very** [Dol21a, Mah20, Nic20a]. **via** [HP23, KM21, Luc24, Nak22, RV24]. **Victorian** [Cri21a]. **Viète** [Ste20b]. **Villani** [Lev22b]. **Visual** [Pri22, Cha24, HP23, Cha21, Cha22]. **Visualising** [Sar23]. **Visually** [Pau21]. **Vitta** [DT24]. **Vol** [Luk23b]. **volume** [Ano20g, Ano20f, Ano20i, Ano20h, Ano21f, Ano21e, Ano21h, Ano21g,

Ano22d, Ano22c, Ano22f, Ano22e, Ano22h, Ano22g, Ano23f, Ano23e, Ano23h, Ano23g, Ano23j, Ano23i, Ano24c, Ano24b, Bel22, Tol24].

**W** [Bay22, Hoa20, Lor22e, Tol23b]. **Wainer** [Tol21e]. **Walk** [SS24]. **walks** [Nak22]. **War** [Cri22d]. **Wasan** [Oku23]. **way** [Mey20, PS22b]. **ways** [Hun21e, Hun23c, Jam21d]. **Weintraub** [Hun22d]. **Weitzenböck's** [Tra23]. **Where** [Lor22e]. **while** [AP21]. **Whitehouse** [Lev22d]. **whose** [ASH20b, OS23, SO23]. **Wil** [Haw21b]. **Wilson** [Kon20]. **Winning** [FL22, CK21]. **Without** [Ber20, HL23, Ber22, Cag20, FP24, Fre22, Has21a, Has22, Has24, Kir20, Lev21b, Luk22b, Luk24a, Pla20b, Pla22b, Ste23d, ST22]. **Witt** [Cri24]. **Wolfgang** [Cri21c]. **Wolstenholme** [Luk23d]. **wonder** [Lev22f]. **Woodward** [Hun20a]. **Word** [Luk22b]. **Words** [Ber20, Ber22, Cag20, HL23, Pla20b, Fre22, Has21a, Has22, Has24, Luk24a, Pla22b, ST22, Lev21b, Ste23d]. **World** [Cri22d, Tol24]. **Worst** [SS20]. **writes** [Ano23b]. **writing** [Lev20a, Lev20b, Lev22e, Lev23d]. **Wynne** [Tol23f].

**xx** [Gib23b].

**Yale** [Lor22c, Tol22f]. **Yates** [Shi22b]. **Year** [Lev22d, Lev22c, Shi22a]. **years** [BM23, Gib23b]. **young** [Hun22d]. **youth** [Sko20]. **Yvinec** [Hun21c]. **Yvonne** [Cri21b].

**Zakeri** [Lor23d]. **Zaslow** [Hal22c]. **zero** [Pla20a]. **zero-over-zero** [Pla20a]. **zeros** [Kob20, Mel21]. **zeta** [Mun20]. **zillions** [Hoa20]. **Zorzitto** [Tol23b].

# References

**Aaronson:2022:BRA**

[Aar22] Hugo Aaronson. Book review: *Algorithms* by Panos Louridas, pp. 312, $15.95 (paper), ISBN 978-0-26253-902-9, MIT Press (2020). *The Mathematical Gazette*, 106(566):380–381, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/algorithms-by-panos-louridas-pp-312-1595-paper-isbn-9780262539029-mit-press-2020/484E5C1645E8FD1F4CFAE799B3E76F5F`.

**Abel:2020:REB**

[Abe20] Ulrich Abel. On the relative error between the binomial and the hypergeometric distribution. *The Mathematical Gazette*, 104(559):136–142, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/`

article/on-the-relative-error-between-the-binomial-and-the-hypergeometric-distribution/FF9C8D7F86D2CB2E3A570FD3237B470A.

**Abel:2023:TDI**

[Abe23] Ulrich Abel. 107.35 Two definite integrals that are (not surprisingly) equal. *The Mathematical Gazette*, 107(570):503–508, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10735-two-definite-integrals-that-are-not-surprisingly-equal/0C0B33BB30A759C32825C06C1AE5

**Alegri:2022:IMS**

[Ale22] Mateus Alegri. 106.41 Infinitely many series arising from $\cos 2x + \sin 2x = 1$. *The Mathematical Gazette*, 106(567):517–520, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10641-infinitely-many-series-arising-from-cos2x-sin2x-1/AE00ACEB8DF80763E272EDAB218AD

**Allen:2020:LGA**

[All20] Rory Allen. The Lie group approach to solving differential equations. *The Mathematical Gazette*, 104(559):82–106, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/lie-group-approach-to-solving-differential-equations/C826E2D74CA15AEC939FC75313DE288B.

**Allen:2021:AMS**

[All21] Edward J. Allen. Aesop's moral on success. *The Mathematical Gazette*, 105(564):481–489, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/aesops-moral-on-success/E82C3934BE749FEF8EF79F916AD85EFD.

**Abdin:2022:IBE**

[AMMW22] Talaat Abdin, Hosam Mahmoud, Arian Modarres, and Kai Wang. An index for betting with examples from games and sports. *The Mathematical Gazette*, 106(565):32–40, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/an-index-for-betting-with-examples-from-games-and-sports/B7C60BC67DA5C2C5E13CEDD0BA041C6

**Anonymous:2020:BR**

[Ano20a] Anonymous. Books received. *The Mathematical Gazette*, 104 (560):382–384, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/books-received/A238F0651CEC2493307A4044E1E0586B.

**Anonymous:2020:F**

[Ano20b] Anonymous. Feedback. *The Mathematical Gazette*, 104(560): 346–352, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/feedback/C78CFE260B34084344A2C99CD471DB1E.

**Anonymous:2020:PJ**

[Ano20c] Anonymous. In the pipeline for July 2020. *The Mathematical Gazette*, 104(559):106, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/in-the-pipeline-for-july-2020/B3325DE9700BF3D521A256244DCFE3B2.

**Anonymous:2020:PM**

[Ano20d] Anonymous. In the pipeline for March 2021. *The Mathematical Gazette*, 104(561):402, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/in-the-pipeline-for-march-2021/2F526F2FEF7C2B056C96C60A44DEFA68.

**Anonymous:2020:PN**

[Ano20e] Anonymous. In the pipeline for November 2020. *The Mathematical Gazette*, 104(560):280, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/in-the-pipeline-for-november-2020/157BC7FC9EBB37AFD795E2D839A49AE9.

**Anonymous:2020:MVIb**

[Ano20f] Anonymous. MAG volume 104 issue 559 cover and back matter. *The Mathematical Gazette*, 104(559):b1–b2, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-104-issue-559-cover-and-back-matter/10249CCCE52B1B3E7A4C648B39C3F16A.

**Anonymous:2020:MVIa**

[Ano20g] Anonymous. MAG volume 104 issue 559 cover and front matter. *The Mathematical Gazette*, 104(559):f1–f2, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-104-issue-559-cover-and-front-matter/B5DC709C849BEF54DBD42A558A8DEB4B`.

**Anonymous:2020:MVId**

[Ano20h] Anonymous. MAG volume 104 issue 560 cover and back matter. *The Mathematical Gazette*, 104(560):b1–b2, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-104-issue-560-cover-and-back-matter/78E8BF0C5E6F7703B6497A2E71CC3E32`.

**Anonymous:2020:MVIc**

[Ano20i] Anonymous. MAG volume 104 issue 560 cover and front matter. *The Mathematical Gazette*, 104(560):f1–f2, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-104-issue-560-cover-and-front-matter/164AE04B5650B0B97821F81ACCD78377`.

**Anonymous:2021:BR**

[Ano21a] Anonymous. Books received. *The Mathematical Gazette*, 105 (562):190–191, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/books-received/D40408674B23F9D8A33BE5E1BE235EE1`.

**Anonymous:2021:CGI**

[Ano21b] Anonymous. Cumulative *Gazette* index 1894–2009. *The Mathematical Gazette*, 105(563):252, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/cumulative-gazette-index-18942009/4FCA0AB8D70372F4F4FEAA7AD38AB9D0`.

**Anonymous:2021:F**

[Ano21c] Anonymous. Feedback. *The Mathematical Gazette*, 105 (562):163–168, March 2021. CODEN MAGAAS. ISSN

0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/feedback/39DBAA3E91F0B432BCA005FF70A93F7B.

**Anonymous:2021:PJ**

[Ano21d] Anonymous. In the pipeline for July 2021. *The Mathematical Gazette*, 105(562):97, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/in-the-pipeline-for-july-2021/C0D05BABD0E6DE27BB6E77C94D0898B3.

**Anonymous:2021:MVIb**

[Ano21e] Anonymous. MAG volume 105 issue 562 cover and back matter. *The Mathematical Gazette*, 105(562):b1–b2, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-105-issue-562-cover-and-back-matter/B8CB5BCC1C3EC5AEB353E2056945DBAA.

**Anonymous:2021:MVIa**

[Ano21f] Anonymous. MAG volume 105 issue 562 cover and front matter. *The Mathematical Gazette*, 105(562):f1–f2, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-105-issue-562-cover-and-front-matter/BE8B22AEB054EAA5C12D92E0F2579F3D.

**Anonymous:2021:MVId**

[Ano21g] Anonymous. MAG volume 105 issue 563 cover and back matter. *The Mathematical Gazette*, 105(563):b1–b3, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-105-issue-563-cover-and-back-matter/F26D0EB2AA84790C8BEE7AE66C12B4A5.

**Anonymous:2021:MVIc**

[Ano21h] Anonymous. MAG volume 105 issue 563 cover and front matter. *The Mathematical Gazette*, 105(563):f1–f2, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-105-issue-563-cover-and-front-matter/3E58915BACE8811A4D4EAF9F4132AEA5.

**Anonymous:2022:PM**

[Ano22a] Anonymous. In the pipeline for March 2023. *The Mathematical Gazette*, 106(567):466, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/in-the-pipeline-for-march-2023/2AAB7D3032A22F4555D6712D2E4919BD`.

**Anonymous:2022:MPB**

[Ano22b] Anonymous. MA Presidential blog. *The Mathematical Gazette*, 106(565):8, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/ma-presidential-blog/D3BD3492541B419BA66B6BB3673BD8BF`.

**Anonymous:2022:MVIb**

[Ano22c] Anonymous. MAG volume 106 issue 565 cover and back matter. *The Mathematical Gazette*, 106(565):b1–b3, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-106-issue-565-cover-and-back-matter/B6F02015407F18330A4D4932ADD7E12C`.

**Anonymous:2022:MVIa**

[Ano22d] Anonymous. MAG volume 106 issue 565 cover and front matter. *The Mathematical Gazette*, 106(565):f1–f2, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-106-issue-565-cover-and-front-matter/6B88327B81BF12EED75EB7E94EAC5A69`.

**Anonymous:2022:MVId**

[Ano22e] Anonymous. MAG volume 106 issue 566 cover and back matter. *The Mathematical Gazette*, 106(566):b1–b3, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-106-issue-566-cover-and-back-matter/24812E143CBA550CBCA6971DED8AF82D`.

**Anonymous:2022:MVIc**

[Ano22f] Anonymous. MAG volume 106 issue 566 cover and front matter. *The Mathematical Gazette*, 106(566):f1–f2, July

2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-106-issue-566-cover-and-front-matter/AB7FC28144016AD615F7EBB61865CCF2.

**Anonymous:2022:MVIf**

[Ano22g] Anonymous. MAG volume 106 issue 567 cover and back matter. *The Mathematical Gazette*, 106(567):b1–b3, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-106-issue-567-cover-and-back-matter/2C8A89329B1B0C644ED5FA8EAC1494B9.

**Anonymous:2022:MVIe**

[Ano22h] Anonymous. MAG volume 106 issue 567 cover and front matter. *The Mathematical Gazette*, 106(567):f1–f2, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-106-issue-567-cover-and-front-matter/CFBD0D2A8D482BC1E8F8F1486D4EF0EA.

**Anonymous:2023:A**

[Ano23a] Anonymous. Acknowledgements. *The Mathematical Gazette*, 107(570):575, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/acknowledgements/1059750B99F9C216F43A89BD46783F3E.

**Anonymous:2023:EW**

[Ano23b] Anonymous. The Editor writes. *The Mathematical Gazette*, 107(570):545, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/editor-writes/7029875E60D9AF57520C8C18A97B1E20.

**Anonymous:2023:PJ**

[Ano23c] Anonymous. In the pipeline for July 2023. *The Mathematical Gazette*, 107(568):159, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/in-the-pipeline-for-july-2023/7A420B2873436AB3CBCEB6C5387D23EA.

**Anonymous:2023:PM**

[Ano23d] Anonymous. In the pipeline for March 2024. *The Mathematical Gazette*, 107(570):544, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/in-the-pipeline-for-march-2024/FC04EFD046D845725F1AF9963989122E`.

**Anonymous:2023:MVIb**

[Ano23e] Anonymous. MAG volume 107 issue 568 cover and back matter. *The Mathematical Gazette*, 107(568):b1–b3, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-107-issue-568-cover-and-back-matter/AE8C47C65946090E25451856CED51C2D`.

**Anonymous:2023:MVIa**

[Ano23f] Anonymous. MAG volume 107 issue 568 cover and front matter. *The Mathematical Gazette*, 107(568):f1–f2, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-107-issue-568-cover-and-front-matter/A5801BAD33D0BF4C71064B2B1B09C6C7`.

**Anonymous:2023:MVId**

[Ano23g] Anonymous. MAG volume 107 issue 569 cover and back matter. *The Mathematical Gazette*, 107(569):b1–b3, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-107-issue-569-cover-and-back-matter/27C1147CA02428CEB5A9E06C35EFF986`.

**Anonymous:2023:MVIc**

[Ano23h] Anonymous. MAG volume 107 issue 569 cover and front matter. *The Mathematical Gazette*, 107(569):f1–f2, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-107-issue-569-cover-and-front-matter/5BB953F07DEED47FA1392B4BE2AB7015`.

**Anonymous:2023:MVIf**

[Ano23i] Anonymous. MAG volume 107 issue 570 cover and back matter. *The Mathematical Gazette*, 107(570):b1–b3, November

2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-107-issue-570-cover-and-back-matter/04DD67A944F1EEA3B1664A328BE4B700.

**Anonymous:2023:MVIe**

[Ano23j] Anonymous. MAG volume 107 issue 570 cover and front matter. *The Mathematical Gazette*, 107(570):f1–f2, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-107-issue-570-cover-and-front-matter/E13EC9FE53C3F4D0CC043F1A7F1CA40F.

**Anonymous:2024:PJ**

[Ano24a] Anonymous. In the pipeline for July 2024. *The Mathematical Gazette*, 108(571):42, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/in-the-pipeline-for-july-2024/B26B3595318CD476555D0A7CE806F326.

**Anonymous:2024:MVIb**

[Ano24b] Anonymous. MAG volume 108 issue 571 cover and back matter. *The Mathematical Gazette*, 108(571):b1–b3, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-108-issue-571-cover-and-back-matter/E47C31C7C4A2AD78041C9977DD52F3CB.

**Anonymous:2024:MVIa**

[Ano24c] Anonymous. MAG volume 108 issue 571 cover and front matter. *The Mathematical Gazette*, 108(571):f1–f2, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mag-volume-108-issue-571-cover-and-front-matter/56A64D71AB773F60A75F968D466879F7.

**Anonymous:2024:PCF**

[Ano24d] Anonymous. Problem corner: Farewell to NJL. *The Mathematical Gazette*, 108(571):77, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/problem-corner-farewell-to-njl/9A08A1D28CBC60DF0052DF2F18411771. On the retirement of Problem Corner editor Nick Lord.

**Ash:2021:DWC**

[AP21] J. Marshall Ash and Ángel Plaza. $\sum_{n=2}^{\infty} 1/(nH_{n-1})$ diverges while $\sum_{n=2}^{\infty} 1/(nH_{n-1}^{1+\epsilon})$ converges. *The Mathematical Gazette*, 105(562):161–162, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/diverges-while-converges/1DD54F152893D5BA25F52901F0A34988`.

**Abu-Saymeh:2021:LML**

[ASAMHH21] Sadi Abu-Saymeh, Yaqeen Al-Momani, Mowaffaq Hajja, and Mostafa Hayajneh. Long medians and long angle bisectors. *The Mathematical Gazette*, 105(564):397–409, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/long-medians-and-long-angle-bisectors/822A56E91FE35463096FFAF746E34394`.

**Abu-Saymeh:2020:NBP**

[ASH20a] Sadi Abu-Saymeh and Mow Affaq Hajja. Notes on the Brocard points and angles of a triangle. *The Mathematical Gazette*, 104(559):49–62, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/notes-on-the-brocard-points-and-angles-of-a-triangle/7C971B3A6908834843EC08A4822CB07F`.

**Abu-Saymeh:2020:TWS**

[ASH20b] Sadi Abu-Saymeh and Mowaffaq Hajja. Triangles whose sides form an arithmetic progression. *The Mathematical Gazette*, 104 (561):469–481, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/triangles-whose-sides-form-an-arithmetic-progression/0B040986D8F60A451B92513600877D7B`.

**Askew:2020:RMH**

[Ask20] Mike Askew. Reasoning as a mathematical habit of mind. *The Mathematical Gazette*, 104(559):1–11, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/reasoning-as-a-mathematical-habit-of-mind/A2AD50CFA49800ECF3DD7637D42250EE`.

**Ahmed:2021:FCO**

[AT21] Zafar Ahmed and Pallavi S. Telkar. 105.25 Families of curves orthogonal to the lines $y = mx - 2m - m^3$. *The Mathematical Gazette*, 105(563):306–309, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10525-families-of-curves-orthogonal-to-the-lines-y-mx-2m-m3/48F51927AE4048E7E493F67B4C84E55B`.

**Arikan:2022:PSS**

[AU22] Elif Esra Arikan and Hasan Unal. 106.38 PWW: $\sin\alpha + \sin\beta$ and $\cos\beta - \cos\alpha$. *The Mathematical Gazette*, 106(567):514, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10638-pww-sin-sin-and-cos-cos/345B16672F0258AF41BCFC8CC22D07E1`.

**Awasthi:2024:MLT**

[Awa24] Amrit Awasthi. 108.15 The Madhava–Leibniz theorem. *The Mathematical Gazette*, 108(571):149–151, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10815-the-madhavaleibniz-theorem/725469C50BA3E787FB863D2F05B582`

**Aydin:2024:SBS**

[Ayd24] Hazar Aydin. 108.06 Simple bounds on a sum pertinent to primes. *The Mathematical Gazette*, 108(571):135–136, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10806-simple-bounds-on-a-sum-pertinent-to-primes/9A2FCD7DEA53E9DE6FE9A6D6823F847B`.

**Banks:2023:PTL**

[Ban23] Jessica E. Banks. 107.37 PWW: trisecting a line across an angle does not trisect the angle. *The Mathematical Gazette*, 107(570):512, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10737-pww-trisecting-a-line-across-an-angle-does-not-trisect-the-angle/40BA7A381D54738D4558F720DD86780F`.

**Baumslag:2021:IDL**

[Bau21] Benjamin Baumslag. 105.08 An infinitesimal definition of limit. *The Mathematical Gazette*, 105(562):126–129, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10508-an-infinitesimal-definition-of-limit/6717E831A3423282BEC61551AA4941DF`.

**Baumann:2022:IDS**

[Bau22] Michael Heinrich Baumann. An illustrative derivation of the sum of fifth powers. *The Mathematical Gazette*, 106(565):68–77, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/an-illustrative-derivation-of-the-sum-of-fifth-powers/27C76DA68709566213C21D688FFE5A16`.

**Baylis:2020:BRM**

[Bay20a] John Baylis. Book review: *Methods of solving number theory problems* by Ellina Grigorieva, pp. 391, £37.99 (hard), ISBN 978-3-319-90914-1, Birkhäuser (2018). *The Mathematical Gazette*, 104(560):378–380, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/methods-of-solving-number-theory-problems-by-ellina-grigorieva-pp-391-3799-hard-isbn-9783319909141-birkhauser-2018/A73A14B2C9A892111A3A8E581BD053EC`.

**Baylis:2020:BRE**

[Bay20b] John Baylis. Book review: *The error of truth* by Steven J. Osterlind, pp. 352, £25 (hard), ISBN 978-0-19883-160-0, Oxford University Press (2019). *The Mathematical Gazette*, 104(560):364–366, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/error-of-truth-by-steven-j-osterlind-pp-352-25-hard-isbn-9780198831600-oxford-university-press-2019/26313470E4EDFBCEB79DBE54BB927D2D`.

**Baylis:2021:BRH**

[Bay21a] John Baylis. Book review: *How to fall slower than gravity* by Paul J. Nahin, pp. 279, £22.00 (hard), ISBN 978-0-691-17691-8, Princeton University Press (2018). *The Mathematical Gazette*, 105(563):377–378, July 2021. CODEN MAGAAS.

ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/how-to-fall-slower-than-gravity-by-paul-j-nahin-pp-279-2200-hard-isbn-9780691176918-princeton-university-press-2018/1020561D2854EA75D6CEAEA6B38A2F58.

**Baylis:2021:BRM**

[Bay21b] John Baylis. Book review: *Mathematical Curiosities: a treasure trove of unexpected entertainments* by Alfred S. Posamentier and Ingmar Lehmann, pp 382, £14.95 (paper), ISBN 978-1-61614-931-4, Prometheus Books (2014). Also available as e-book. *The Mathematical Gazette*, 105 (563):382–383, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mathematical-curiosities-a-treasure-trove-of-unexpected-entertainments-by-alfred-s-posamentier-and-ingmar-lehmann-pp-382-1495-paper-isbn-9781616149314-prometheus-books-2014-also-available-as-ebook/E84CDD636AA729DD42CED3D205BBC20A.

**Baylis:2022:BRL**

[Bay22] John Baylis. Book review: *Linear algebra* by Elizabeth S. Meckes and Mark W. Meckes, pp. 427, £49.99 (hard), ISBN 978-1-107-17790-1, Cambridge University Press (2018). *The Mathematical Gazette*, 106(565):174–175, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/linear-algebra-by-elizabeth-s-meckes-and-mark-w-meckes-pp-427-4999-hard-isbn-9781107177901-cambridge-university-press-2018/869D64950E9F49E7D178EA58D4A48860.

**Baylis:2023:BRT**

[Bay23a] John Baylis. Book review: *Thinking better: the art of the shortcut in math and life* by Marcus du Sautoy, pp 336, £20, ISBN 978-1-5416-0036-2, Basic Books (2021). *The Mathematical Gazette*, 107(570):571–573, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/thinking-better-the-art-of-the-shortcut-in-math-and-life-by-marcus-du-sautoy-pp-336-20-isbn-9781541600362-basic-books-2021/51694B25DD3F170E0A8840239BCE5D1B.

**Baylis:2023:BRW**

[Bay23b] John Baylis. Book review: *What's the use?* by Ian Stewart, pp 336, £20 (hard), ISBN 978-1-5416-9949-6, Basic Books (2021). *The Mathematical Gazette*, 107(570):571–573, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/whats-the-use-by-ian-stewart-pp-336-20-hard-isbn-9781541699496-basic-books-2021/37BEE74EA880713F7BFF30D5EA817271`.

**Brown:2020:EIE**

[BB20] Geoffrey Brown and Narayanaswamy Balakrishnan. Extensions of an identity of Euler. *The Mathematical Gazette*, 104(560):241–246, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/extensions-of-an-identity-of-euler/30B79A84247855CD0A6088167180C04E`.

**Beardon:2020:SHP**

[Bea20] A. F. Beardon. 104.24 Surveying in the hyperbolic plane. *The Mathematical Gazette*, 104(560):341–343, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10424-surveying-in-the-hyperbolic-plane/7373B904A0C80E528BA081EBDCE7AFDB`.

**Beardon:2021:AAB**

[Bea21a] A. F. Beardon. 105.26 Areas above and below a curve. *The Mathematical Gazette*, 105(563):309–311, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10526-areas-above-and-below-a-curve/85D746B4260E9CAB4EC0B61B43BFE324`.

**Beardon:2021:PTD**

[Bea21b] A. F. Beardon. Pitot's theorem, dynamic geometry and conics. *The Mathematical Gazette*, 105(562):52–60, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/pitots-theorem-dynamic-geometry-and-conics/3E40A70B857EEEAAC5A6FDBAB4BF419B`.

**Beardon:2022:FNC**

[Bea22a] A. F. Beardon. 106.33 Fibonacci numbers and Cassini's identity. *The Mathematical Gazette*, 106(567):498–501, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10633-fibonacci-numbers-and-cassinis-identity/5E7A4CD24EDA06A769F51A4989BCAEA8`.

**Beardon:2022:RSX**

[Bea22b] A. F. Beardon. The real solutions of $x = a^x$. *The Mathematical Gazette*, 106(566):206–211, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/real-solutions-of-x-ax/77C83CF28975D2E11087876356C4C1CF`.

**Beardon:2022:CAD**

[Bea22c] Alan Beardon. On 105.28 Correct answer — dodgy method. *The Mathematical Gazette*, 106(566):351, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/on-10528/43A88D60865884743E551C82F752B3AD`.

**Beardon:2022:X**

[Bea22d] Alan Beardon. On 106.17. *The Mathematical Gazette*, 106 (567):550–551, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/on-10617/71C944D047ADAEB4FB76482DB0CC241F`.

**Beardon:2023:SSS**

[Bea23a] A. F. Beardon. 107.28 Sums, and sums of squares. *The Mathematical Gazette*, 107(570):488–490, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10728-sums-and-sums-of-squares/FB8494020D2723DCB8BC724D3CD99464`.

**Beardon:2023:SCP**

[Bea23b] A. F. Beardon. 107.36 Similarities and circle-preserving bijections of the plane. *The Mathematical Gazette*, 107(570):508–511, November 2023. CODEN MAGAAS. ISSN 0025-5572

(print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10736-similarities-and-circlepreserving-bijections-of-the-plane/458BFCB7B44D6E5ED7534CE552F9B52A.

**Beardon:2023:GCR**

[Bea23c] A. F. Beardon. Groups, conics and recurrence relations. *The Mathematical Gazette*, 107(569):193–203, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/groups-conics-and-recurrence-relations/FFD697ECD6A2A172876A45887EE33107.

**Beardon:2024:SMP**

[Bea24] A. F. Beardon. Singular matrices and pairwise-tangent circles. *The Mathematical Gazette*, 108(571):12–19, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/singular-matrices-and-pairwisetangent-circles/8875EA6401BA48765C3CBD3F4FFA788C.

**Belcher:2022:AVS**

[Bel22] Paul Belcher. Approximating the volume of a solid of revolution — the frustum rule. *The Mathematical Gazette*, 106 (567):408–413, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/approximating-the-volume-of-a-solid-of-revolution-the-frustum-rule/1F3F9DBE6850CEB1B87E8970FCF66D29.

**Berendonk:2020:ASE**

[Ber20] Stephan Berendonk. 104.10 Alternating series in an equilateral triangle — two proofs without words. *The Mathematical Gazette*, 104(559):170–171, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10410-alternating-series-in-an-equilateral-triangle-two-proofs-without-words/A70D4A6E7621AFC9BC884F92D806C49C.

**Berendonk:2022:SHN**

[Ber22] Stephan Berendonk. 106.16 Sums of hex numbers are cubes — a planar proof without words. *The Mathematical Gazette*, 106 (565):147–148, March 2022. CODEN MAGAAS. ISSN 0025-5572

(print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10616-sums-of-hex-numbers-are-cubes-a-planar-proof-without-words/F1CD6B2BAA68B746FD8BB3FAB3A6F9A5.

**Bevan:2022:TFB**

[Bev22] David Bevan. 106.30 Threshold functions and the birthday paradox. *The Mathematical Gazette*, 106(566):344–348, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10630-threshold-functions-and-the-birthday-paradox/3EB9A50E261D857CD590763F3F49C8B0.

**Beardon:2020:CFD**

[BG20] Alan F. Beardon and Russell A. Gordon. The convexity of the function $y = E(x)$ defined by $x^y = y^x$. *The Mathematical Gazette*, 104(559):36–43, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/convexity-of-the-function-y-ex-defined-by-xy-yx/65AE9DCC0ED961A8E5738AE62E4DD4F9.

**Bougoffa:2021:IIP**

[BK21] Lazhar Bougoffa and Panagiotis T. Krasopoulos. Integral inequalities in probability theory revisited. *The Mathematical Gazette*, 105(563):263–270, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/integral-inequalities-in-probability-theory-revisited/47C44654F595CB749E142E883E357061.

**Beardon:2020:RVP**

[BL20] A. F. Beardon and N. Lord. Repeated vector products. *The Mathematical Gazette*, 104(561):460–468, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/repeated-vector-products/36476DE71FA170862ADD6976130B7006.

**Bardelang:2023:LPY**

[BM23] Reinfried Bardelang and Bernard Murphy. 107.41 Langley's problem: 100 years on. *The Mathematical Gazette*, 107(570):523–526, November 2023. CODEN MAGAAS. ISSN 0025-5572

(print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10741-langleys-problem-100-years-on/2C224730F9AFD6BD83A573AE08BA3782.

**Bosch:2021:TSS**

[Bos21] Robert Bosch. 105.12 Two solutions to a Sangaku problem. *The Mathematical Gazette*, 105(562):139–142, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10512-two-solutions-to-a-sangaku-problem/BBC17C86A45D00A6A3F26F4599001F56.

**Boucher:2021:PCR**

[Bou21] Chris Boucher. The probability certain random quadratics have real roots. *The Mathematical Gazette*, 105(564): 410–415, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/probability-certain-random-quadratics-have-real-roots/4304E5C2379129D6C0033D43F06A17F2.

**Braza:2023:SR**

[Bra23] Peter Braza. Sums of roots. *The Mathematical Gazette*, 107(570): 399–404, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/sums-of-roots/434C4B38E020A392C3D387489FB4D6FD.

**Brown:2022:WPS**

[Bro22] Ron Brown. 106.31 What proportion of square-free numbers are divisible by 2? or by 30 but not by 7? *The Mathematical Gazette*, 106(567):494–497, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10631-what-proportion-of-squarefree-numbers-are-divisible-by-2-or-by-30-but-not-by-7/C297E82493024EFA7ADD0F10A9DE135F.

**Buhmann:2023:MG**

[Buh23] Martin Buhmann. The Mathematikum in Giessen. *The Mathematical Gazette*, 107(568):1–9, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mathematikum-in-giessen/A5EFD99CCFC27B6523D1EBC1EEFE2D39.

**Buritica:2020:ESP**

[Bur20] Andres Buritica. Equations of some plane figures. *The Mathematical Gazette*, 104(560):288–295, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/equations-of-some-plane-figures/0EF29AF269B5892724D4B73B5742CC99.

**Burn:2022:FJ**

[Bur22] Bob Burn. On feedback July 2022. *The Mathematical Gazette*, 106(567):552, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-feedback-july-2022/9E6A91DD5BCB3854F66A6ECEF4F1A89D.

**Caglayan:2020:PWE**

[Cag20] Günhan Caglayan. 104.25 Proof without words: Every central octagonal number is an odd square. *The Mathematical Gazette*, 104(560):343, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10425-proof-without-words-every-central-octagonal-number-is-an-odd-square/094467300306B11F004946F3374AD23A.

**Caglayan:2021:DBG**

[Cag21] Günhan Caglayan. 105.34 The difference between $k$-gonal numbers with $(2n-1)$ sides and $(n-1)$ sides is $(3k-4)$-gonal. *The Mathematical Gazette*, 105(563):333–334, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10534-the-difference-between-kgonal-numbers-with-2n-1-sides-and-n-1-sides-is-3k-4gonal/F50D249733BC603FC18C8C4783D1

**Caglayan:2022:PNT**

[Cag22] Günhan Caglayan. 106.32 Pentagonal numbers and their relationships to other figurate numbers. *The Mathematical Gazette*, 106(567):497–498, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10632-pentagonal-numbers-and-their-relationships-to-other-figurate-numbers/459B318E347214EF47D54BCF9AF34757.

**Caglayan:2023:DTI**

[Cag23] Günhan Caglayan. 107.26 A difference theorem involving $k$-gonal and centred $k$-gonal numbers. *The Mathematical Gazette*, 107(569):342–343, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10726-a-difference-theorem-involving-kgonal-and-centred-kgonal-numbers/05FE50333BADDC4CB68C4EB21517999B.

**Calleja:2020:SPI**

[Cal20a] James Calleja. A spiral pattern investigation: making mathematical connections. *The Mathematical Gazette*, 104(560):262–270, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/spiral-pattern-investigation-making-mathematical-connections/C367658871A92F8D8266EB1FC04CE188.

**Calugareanu:2020:MST**

[Cal20b] Grigore Calugareanu. Matrices that are similar to their inverses. *The Mathematical Gazette*, 104(559):116–124, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/matrices-that-are-similar-to-their-inverses/EA4EE844A828FAAA16ADC035862C8D2A.

**Chakraborty:2024:ELR**

[CC24] Bikash Chakraborty and Sagar Chakraborty. 108.11 Euler's limit-revisited. *The Mathematical Gazette*, 108(571): 144–145, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10811-eulers-limitrevisited/DCCA87210D5A775CC280D2F075CADA2D.

**Cereceda:2023:RGF**

[Cer23] José Luis Cereceda. 107.25 A refinement of Griffiths' formula for the sums of the powers of an arithmetic progression. *The Mathematical Gazette*, 107(569):340–342, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10725-a-refinement-of-griffiths-formula-for-the-sums-of-the-powers-of-an-arithmetic-progression/94955F91C5C0B2C096FB1003DA7E999B.

**Crilly:2021:UCP**

[CF21] Tony Crilly and Colin R. Fletcher. Ubiquitous cousins and parental slides. *The Mathematical Gazette*, 105(562):27–39, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/ubiquitous-cousins-and-parental-slides/DFE016C05EB5D2A2E73EBA9ED6DF9C4E`.

**Chakraborty:2021:VPX**

[Cha21] Manishita Chakraborty. 105.23 Visual proofs of $x^3 + y^3 = (x + y)(x^2 - xy + y^2)$ and $x^3 - y^3 = (x - y)(x^2 + xy + y^2)$. *The Mathematical Gazette*, 105(563):303–305, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10523-visual-proofs-of-x3-y3-x-yx2-xy-y2-and-x3-y3-x-yx2-xy-y2/4F14C92D94A0745C8BD030D695CED351`.

**Chakraborty:2022:VPS**

[Cha22] Manishita Chakraborty. 106.39 Visual proofs of sums of powers of positive integers. *The Mathematical Gazette*, 106(567): 515–516, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10639-visual-proofs-of-sums-of-powers-of-positive-integers/8D526BF5D39CF20C54CD2E3D9348FEF1`.

**Chakraborty:2024:VPW**

[Cha24] Bikash Chakraborty. 108.09 A visual proof that $b^e < e^b$ when $b > e$. *The Mathematical Gazette*, 108(571):143, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10809-a-visual-proof-that-be-eb-when-b-e/C77F8DAD439C56EF26C2B9777D5EACC3`.

**Chebolu:2023:CMP**

[Che23] Sunil K. Chebolu. A clock model for planetary conjunctions. *The Mathematical Gazette*, 107(570):422–429, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/clock-model-for-planetary-conjunctions/90E3DE49B5B006246E11C88964B83EC1`.

**Corless:2020:IFC**

[CJS20] Robert M. Corless, David J. Jeffrey, and David R. Stoutemyer. Integrals of functions containing parameters. *The Mathematical Gazette*, 104(561):412–426, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/integrals-of-functions-containing-parameters/0D5DEC55DF2CDB7A1AD29FFA029EC782`.

**Cooper:2021:ELP**

[CK21] Curtis Cooper and Robert E. Kennedy. Expected length and probability of winning a tennis game. *The Mathematical Gazette*, 105(564):490–500, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/expected-length-and-probability-of-winning-a-tennis-game/0F0397613253368C041889822322EF1D`.

**Colwell:2024:BRS**

[Col24] Sue Colwell. Book review: *A student's guide to Laplace transforms* by Daniel Fleisch, pp. 218, £17.99, (paper), ISBN 978-1-009-09629-4, Cambridge University Press (2022). *The Mathematical Gazette*, 108(571):183–184, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/students-guide-to-laplace-transforms-by-daniel-fleisch-pp-218-1799-paper-isbn-9781009096294-cambridge-university-press-2022/7DCE4B95040C0CD2E14CD4DC4496CE99`.

**Contensou:2023:EPC**

[Con23] Matthieu Contensou. 107.16 An expression for the prime-composite characteristic function. *The Mathematical Gazette*, 107(569):306–307, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10716-an-expression-for-the-primecomposite-characteristic-function/E292261B33483AD779CDA809E3CE8378`.

**Cooker:2021:JKH**

[Coo21] Mark J. Cooker. Johannes Kepler and his making of the Rudolphine Tables. *The Mathematical Gazette*, 105(564):425–432, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print),

2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/johannes-kepler-and-his-making-of-the-rudolphine-tables/9104D317FB668DB4ACD61497EB9DB9B6

**Crilly:2020:FDS**

[Cri20] Tony Crilly. A family of discrete spirals. *The Mathematical Gazette*, 104(560):215–224, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/family-of-discrete-spirals/4D574D2B84F4AB3621BD52E7C9399D0A.

**Crilly:2021:BRS**

[Cri21a] Tony Crilly. Book review: *From servant to queen: a journey through Victorian mathematics* by John Heard, pp. 267, £34.99 (paper), ISBN 978-107-12413-4, Cambridge University Press (2019). *The Mathematical Gazette*, 105(562):178–181, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/from-servant-to-queen-a-journey-through-victorian-mathematics-by-john-heard-pp-267-3499-paper-isbn-978107124134-cambridge-university-press-2019/02431A19E0B7026F00D5DC8F176FA715.

**Crilly:2021:BRN**

[Cri21b] Tony Crilly. Book review: *New light on George Boole* by Desmond MacHale and Yvonne Cohen, pp. 476, £17.95 (paper), ISBN 978-1-78205-290-6, Atrium (Cork University Press) (2018). *The Mathematical Gazette*, 105(562):181–184, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/new-light-on-george-boole-by-desmond-machale-and-yvonne-cohen-pp-476-1795-paper-isbn-9781782052906-atrium-cork-university-press-2018/4EDC2DA7B674F60BCCD3020A9B5F2FBE.

**Crilly:2021:BRR**

[Cri21c] Tony Crilly. Book review: *Real quaternionic calculus handbook* by João Pedro Morais, Svetlin Georgiev, Wolfgang Sprößig, p. 216, £54.99, ISBN 978-3-0348-0621-3, Birkhäuser (2014). *The Mathematical Gazette*, 105(563):370–371, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/real-quaternionic-calculus-handbook-

by-joao-pedro-morais-svetlin-georgiev-wolfgang-sprossig-
p-216-5499-isbn-9783034806213-birkhauser-2014/44E31E530705F87CF628847500800D71.

**Crilly:2022:BRA**

[Cri22a] Tony Crilly. Book review: *Arts & minds: how the Royal Society of Arts changed a nation* by Anton Howes, pp. 387, £30 (hard), ISBN: 978-0-691-18264-3, Princeton University Press (2020). *The Mathematical Gazette*, 106(566):362–363, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/arts-minds-how-the-royal-society-of-arts-changed-a-nation-by-anton-howes-pp-387-30-hard-isbn-9780691182643-princeton-university-press-2020/E8EBFC94A1BBA2CC5730B7F789C9

**Crilly:2022:BRFa**

[Cri22b] Tony Crilly. Book review: *Frank Ramsey: a sheer excess of powers* by Cheryl Misak, pp. 537, £25 (hard), ISBN 978-0-19-875535-7, Oxford University Press (2020). *The Mathematical Gazette*, 106(566):363–366, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/frank-ramsey-a-sheer-excess-of-powers-by-cheryl-misak-pp-537-25-hard-isbn-9780198755357-oxford-university-press-2020/9AEF2058EFB68D1ED6E6985528B2BA71.

**Crilly:2022:BRM**

[Cri22c] Tony Crilly. Book review: *Mathematics at the meridian: the history of mathematics at Greenwich* edited by Raymond Flood, Tony Mann and Mary Croarken, pp 241, £20.40 (paper), ISBN 978-0-367-36272-0, Chapman & Hall/CRC (2020). *The Mathematical Gazette*, 106(565):170–172, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mathematics-at-the-meridian-the-history-of-mathematics-at-greenwich-edited-by-raymond-flood-tony-mann-and-mary-croarken-pp-241-2040-paper-isbn-9780367362720-chapman-hallcrc-2020/84A1D13FCB3921C02FCCA353250AC8F7.

**Crilly:2022:BRFb**

[Cri22d] Tony Crilly. Book review: *The flying mathematicians of World War I* by Tony Royle, pp. 269, £22.50 (paper), ISBN 978-0-2280-0373-1, McGill-Queen's University Press (2020). *The Mathemat-*

*ical Gazette*, 106(566):367–370, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/flying-mathematicians-of-world-war-i-by-tony-royle-pp-269-2250-paper-isbn-9780228003731-mcgillqueens-university-press-2020/6E76CC324C9F845BF7AF34C6E3CAF07C.

**Crilly:2024:BRF**

[Cri24] Tony Crilly. Book review: *Formulations: architecture, mathematics, culture* by Andrew Witt, pp. 428, £23.15, (paper), ISBN 978-0-262-54300-2, Massachusetts Institute of Technology Press (2021). *The Mathematical Gazette*, 108 (571):177–179, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/formulations-architecture-mathematics-culture-by-andrew-witt-pp-428-2315-paper-isbn-9780262543002-massachusetts-institute-of-technology-press-2021/F9730564744AFAD00BECCC51D722D9

**Cusmariu:2021:GRE**

[Cus21] Adolf Cusmariu. 105.07 A golden ratio enigma. *The Mathematical Gazette*, 105(562):125–126, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10507-a-golden-ratio-enigma/137F3706EA4CD3FCE1D8A974F6C6D7BB.

**Dalcin:2021:SAD**

[Dal21] Mario Dalcín. 105.32 The side-angle duality in geometry: a direct proof of sufficiency of a cyclic quadrilateral theorem. *The Mathematical Gazette*, 105(563):329–331, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10532-the-sideangle-duality-in-geometry-a-direct-proof-of-sufficiency-of-a-cyclic-quadrilateral-theorem/A7348E8115E91D39B187DD3CE6DC40AC.

**Dalcin:2022:NDC**

[Dal22] Mario Dalcín. New dualities in convex quadrilaterals. *The Mathematical Gazette*, 106(566):269–280, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/new-dualities-in-convex-quadrilaterals/938CBB11FF40078858B15C7AE3F0299B.

**Das:2022:APR**

[Das22] Himadri Lal Das. 106.42 Another proof of Rolle's Theorem. *The Mathematical Gazette*, 106(567):521–522, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10642-another-proof-of-rolles-theorem/AC2D53EB9DF14C31F778992D526ACD1A.

**David:2022:BRG**

[Dav22] Hopkins David. Book review: *The geometry of musical rhythm: what makes a "good" rhythm good?* (2nd edn.) by Godfried T. Toussaint, pp. 352, £37.15 (paperback), ISBN 978-0-8153-7097-0, CRC Press (2020). *The Mathematical Gazette*, 106(565):187–188, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/geometry-of-musical-rhythm-what-makes-a-good-rhythm-good-2nd-edn-by-godfried-t-toussaint-pp-352-3715-paperback-isbn-97808153-70970-crc-press-2020/2DCBB138DDE32C52AF5308B96068FE70.

**De:2022:IS**

[DB22] Prithwijit De and Sutanay Bhattacharya. 106.17 An interesting spin-off. *The Mathematical Gazette*, 106(566):310–312, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10617-an-interesting-spinoff/D128B886B256524FAB428D75895B5EBD.

**De:2021:TTC**

[De21a] Prithwijit De. 105.40 A tale of two cubics. *The Mathematical Gazette*, 105(564):514–516, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10540-a-tale-of-two-cubics/9ACFBA64A08DC681C9D591664D31F095.

**De:2021:LM**

[De21b] Prithwijit De. Learning from a mistake. *The Mathematical Gazette*, 105(563):349, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/learning-from-a-mistake/2F8FF9E0574B9624ACB79632093A06BA.

**De:2022:OPI**

[De22a] Prithwijit De. 106.06 an optimisation problem involving right circular cones. *The Mathematical Gazette*, 106(565):127–130, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10606-an-optimisation-problem-involving-right-circular-cones/016F0FE7AD39192996DF48E93A0DB22D`.

**De:2022:IMT**

[De22b] Subhranil De. The intriguing mechanics of a tractrix of cards. *The Mathematical Gazette*, 106(566):281–290, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/intriguing-mechanics-of-a-tractrix-of-cards/603C4478340E3765330DC8C8A107D0E4`.

**De:2024:SEC**

[De24] Subhranil De. A slowly evolving conical pendulum. *The Mathematical Gazette*, 108(571):105–110, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/slowly-evolving-conical-pendulum/E34D4DC3FA5D2FCF3319BEDFD659A31B`.

**De:2021:TE**

[DL21] Prithwijit De and Gerry Leversha. A triangular exploration. *The Mathematical Gazette*, 105(564):501–506, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/triangular-exploration/783E039E63C56863C156C0B1A07FFBAC`.

**delaRosa:2022:RPT**

[dlR22] Félix Martínez de la Rosa. Rewriting polynomials: a tool for teaching secondary mathematics. *The Mathematical Gazette*, 106(567):544–547, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/rewriting-polynomials-a-tool-for-teaching-secondary-mathematics/1B10CE4622D2F0564C823B9A0638203C`.

**Dolan:2020:GUR**

[Dol20a] Stan Dolan. The geometric unfolding of recurrence relations. *The Mathematical Gazette*, 104(561):403–411, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/geometric-unfolding-of-recurrence-relations/11C2974CAFDA3E476DEBB21EAD8B4092`.

**Dolan:2020:RHT**

[Dol20b] Stan Dolan. Ratios in Heronian triangles. *The Mathematical Gazette*, 104(560):193–208, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/ratios-in-heronian-triangles/09561344BC7C9068244414E2DB38202D`.

**Dolan:2020:SPC**

[Dol20c] Stan Dolan. Student problem corner. *The Mathematical Gazette*, 104(560):359–361, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/student-problem-corner/DA40E5437CCC1648ADCFCDE48639FB0F`.

**Dolan:2021:VSP**

[Dol21a] Stan Dolan. 105.38 A very simple proof of the two-squares theorem. *The Mathematical Gazette*, 105(564):511, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10538-a-very-simple-proof-of-the-twosquares-theorem/D0CB1CB39CBA0E98905401EA21DCB743`.

**Dolan:2021:ETG**

[Dol21b] Stan Dolan. 105.39 The Eureka theorem of Gauss. *The Mathematical Gazette*, 105(564):512–514, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10539-the-eureka-theorem-of-gauss/B85583C9C2DECC7D7F479B50E0886`

**Dolan:2021:SP**

[Dol21c] Stan Dolan. Student problems. *The Mathematical Gazette*, 105(562):175–177, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/student-problems/309C7F79F12D4CCDCBA45E0C9FFBFB16`.

**Dolan:2024:ETG**

[Dol24] Stan Dolan. The Eureka theorem of Gauss. *The Mathematical Gazette*, 108(571):94–104, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/eureka-theorem-of-gauss/AF396D6605383A7B9CD7E7CF537F80CB`.

**Downes:2020:EGJ**

[Dow20] Rob Downes. 104.13 An elementary geometric justification for the cofactor expansion of a $3 \times 3$ determinant. *The Mathematical Gazette*, 104(560):307–310, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10413-an-elementary-geometric-justification-for-the-cofactor-expansion-of-a-3-3-determinant/E058B03F4832DDECD03AE1DBE8CEE21`

**Dergiades:2023:IGA**

[DT23] Nikolaos Dergiades and Quang Hung Tran. 107.13 An interesting generator of Archimedean circles. *The Mathematical Gazette*, 107 (568):155–159, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10713-an-interesting-generator-of-archimedean-circles/2A35D9A6D2581D579CD69B550C028FE`

**Dergiades:2024:EVT**

[DT24] Nikolaos Dergiades and Quang Hung Tran. Extensions of Vittas' Theorem. *The Mathematical Gazette*, 108(571):53–60, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/extensions-of-vittas-theorem/6BA822031AAE71DE0B79F7EF5F15396E`.

**Dubeau:2022:APC**

[Dub22] François Dubeau. Archimedes playing with a computer. *The Mathematical Gazette*, 106(567):427–442, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/archimedes-playing-with-a-computer/A2EC0A2B75DC65A749F39BFCFDDDBCBA`.

**Dunham:2023:CHM**

[Dun23] William Dunham. Cauchy and his modern rivals. *The Mathematical Gazette*, 107(568):103–113, March 2023. CODEN MAGAAS.

ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/cauchy-and-his-modern-rivals/541D4E39677E2A65C1E98119780937DE.

**deVilliers:2021:BRI**

[dV21a] Michael de Villiers. Book review: *Introduction to experimental mathematics* by Søren Eilers and Rune Johansen, pp. 303, £34.99 (hard), ISBN 978-1-107-15613-5, (2017). *The Mathematical Gazette*, 105(563):379–380, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/introduction-to-experimental-mathematics-by-soren-eilers-and-rune-johansen-pp-303-3499-hard-isbn-9781107156135-2017/C3FEFEBE3D8F72F79CDA89C559D15B2B.

**deVilliers:2021:SMP**

[dV21b] Michael de Villiers. Some more properties of the bisect-diagonal quadrilateral. *The Mathematical Gazette*, 105(564): 474–480, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/some-more-properties-of-the-bisectdiagonal-quadrilateral/C772FC0EB68F716883C2649C67A1B837.

**Emamyari:2023:AMF**

[EH23] Soheila Emamyari and Mehdi Hassani. 107.33 On the antiderivatives of a monotone function and its inverse. *The Mathematical Gazette*, 107(570):499–501, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10733-on-the-antiderivatives-of-a-monotone-function-and-its-inverse/6F6ECA16127F2608D55218460C4938B6.

**Falbo:2021:AGT**

[Fal21] Clement E. Falbo. 105.03 Almost Goldbach theorems. *The Mathematical Gazette*, 105(562):111–116, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10503-almost-goldbach-theorems/5D6B07369AE490E2842F2A681ABEB6BB

**Farhadian:2021:R**

[Far21] Reza Farhadian. 105.27 A remark on $\lim_{n\to\infty} \sqrt[p_n]{p_1 p_2 \cdots p_n} = e$. *The Mathematical Gazette*, 105(563):311–312, July 2021. CO-

DEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10527-a-remark-on-mathop-lim-limitsn-to-infty-sqrtpnp1p2pn-e/FFEEDD3FD1AA3C49932C63D26F991283.

**Farhadian:2023:RCS**

[Far23] Reza Farhadian. 107.30 Remark on Cauchy–Schwarz inequality. *The Mathematical Gazette*, 107(570):493–495, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10730-remark-on-cauchyschwarz-inequality/41BCBEE773E77085D59436AD0B629870.

**Fellner:2020:DMH**

[Fel20] Joseph P. Fellner. 104.15 Divergence of a modified harmonic series. *The Mathematical Gazette*, 104(560):313–315, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10415-divergence-of-a-modified-harmonic-series/54DF18FE1F0E413FE44866BCEE07289D.

**Friedman:2022:WSE**

[FL22] Eric J. Friedman and Adam S. Landsberg. Winning strategies: the emergence of base 2 in the game of nim. *The Mathematical Gazette*, 106(566):212–219, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/winning-strategies-the-emergence-of-base-2-in-the-game-of-nim/569B246E46C6985A15CDFF91006FC904.

**Foster:2023:LMI**

[Fos23] Colin Foster. Less is more: Improving by removing: (the 2023 Presidential Address). *The Mathematical Gazette*, 107(570): 385–398, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/less-is-more-improving-by-removing/14A05E52969D058A7378326D13777A43.

**Fox:2020:CTG**

[Fox20] Michael Fox. Constructing tetrahedra with given face areas. *The Mathematical Gazette*, 104(559):63–73, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/

mathematical-gazette/article/constructing-tetrahedra-with-given-face-areas/4332700B63745B4FBA9806D78AB272D7.

**Farhadian:2024:IET**

[FP24] Reza Farhadian and Vadim Ponomarenko. 108.13 Indeterminate exponentials without tears. *The Mathematical Gazette*, 108 (571):146–148, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10813-indeterminate-exponentials-without-tears/377915A9D2AB8FD54F8CCE1F99495EF4.

**Frederickson:2021:HDP**

[Fre21] Greg N. Frederickson. Hole dissections for planar figures. *The Mathematical Gazette*, 105(563):237–244, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/hole-dissections-for-planar-figures/664D32860E24AD2E16434DD1EA5C7E7A.

**FreitasGregorio:2022:PWC**

[Fre22] Edney Freitas Gregorio. 106.08 Proof without words: the Cauchy–Schwarz inequality using analytic geometry. *The Mathematical Gazette*, 106(565):132, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10608-proof-without-words-the-cauchyschwarz-inequality-using-analytic-geometry/1346D5FC0D670C00263038E1CA7924EC.

**Fried:2022:LPC**

[Fri22] Michael N. Fried. Locus problems concerning centroids of a cyclic quadrilateral and two classic cubic curves. *The Mathematical Gazette*, 106(566):247–257, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/locus-problems-concerning-centroids-of-a-cyclic-quadrilateral-and-two-classic-cubic-curves/A8D93DB53CDD479A964A97E97FA6A597.

**Ghanbari:2023:GRE**

[GA23] Nima Ghanbari and Saeid Alikhani. A graph related to the Euler $\phi$ function. *The Mathematical Gazette*, 107(569):263–272, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/

journals/mathematical-gazette/article/graph-related-to-the-euler-o-function/1103DB07DA366833BD82215ED2516184.

**Gadbois:2020:CCF**

[Gad20] Steve Gadbois. 104.12 From calendar coincidence to factorials to Ramanujan. *The Mathematical Gazette*, 104(560): 304–306, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10412-from-calendar-coincidence-to-factorials-to-ramanujan/930D0724FC402DD8F71E95A7A3FC692F.

**Gardiner:2023:GHM**

[Gar23] Tony Gardiner. Geoffrey Howson (9 May 1931–1 November 2022). *The Mathematical Gazette*, 107(568):114–119, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/geoffrey-howson-9-may-1931-1-november-2022/12B8446D897CE4D91FCD208D84E4E30F.

**George:2020:LSO**

[Geo20a] Glyn George. Limits and second order ordinary differential equations. *The Mathematical Gazette*, 104(559):44–48, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/limits-and-second-order-ordinary-differential-equations/6798DD09910649200583C640EB57D120.

**George:2020:PP**

[Geo20b] Glyn George. Parallel probabilities. *The Mathematical Gazette*, 104(560):271–280, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/parallel-probabilities/FE5662BBE51AD2FDEEBA379B7A9163FC.

**Ghosh:2022:APB**

[Gho22a] Sourangshu Ghosh. 106.43 Another proof of $e^{x/y}$ being irrational. *The Mathematical Gazette*, 106(567):523–525, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10643-another-proof-of-exy-being-irrational/9F45D24BAD4DE1A544A32AA867439F51.

**Ghosh:2022:API**

[Gho22b] Sourangshu Ghosh. 106.44 Another proof of the irrationality of $N^{p/q}$. *The Mathematical Gazette*, 106(567): 525–526, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10644-another-proof-of-the-irrationality-of-npq/E1889BF7FC04442CC69C62109A40539A`.

**Giblin:2022:BRH**

[Gib22a] Peter Giblin. Book review: *How to prove it* (third edition) by Daniel J. Velleman, pp 458, £29.99 (paper), ISBN 978-1-10843-953-4, Cambridge University Press (2019). (Also available as hardback, and as an e-book ISBN 978-1-10833-745-8). *The Mathematical Gazette*, 106(567):567–568, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/how-to-prove-it-third-edition-by-daniel-j-velleman-pp-458-2999-paper-isbn-9781108439534-cambridge-university-press-2019-also-available-as-hardback-and-as-an-ebook-isbn-9781108337458/375A40610BA45C39B0BF94503E85D90B`.

**Giblin:2022:BRL**

[Gib22b] Peter Giblin. Book review: *Linear algebra for everyone* by Gilbert Strang, pp 368, £49.99 (hard), ISBN 978-1-73314-663-0, Cambridge University Press (2020). *The Mathematical Gazette*, 106(567):574–575, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/linear-algebra-for-everyone-by-gilbert-strang-pp-368-4999-hard-isbn-9781733146630-cambridge-university-press-2020/F39492459AB84A7CD85263A699402B69`.

**Giblin:2022:X**

[Gib22c] Peter Giblin. On 105.28. *The Mathematical Gazette*, 106 (565):156–158, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/on-10528/452D353917341ADCC208D79EFE8DB4D3`.

**Giblin:2023:FPS**

[Gib23a] Peter Giblin. 107.40 Four points, six distances. *The Mathematical Gazette*, 107(570):517–523, November 2023. CODEN MAGAAS.

ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10740-four-points-six-distances/E10D8AB1D023ED769952609F60926B9A.

**Giblin:2023:BRY**

[Gib23b] Peter Giblin. Book review: *3000 years of analysis* by Thomas Sonar, pp. xx + 706, £109.99 (hard), ISBN 978-3-030- 58221-0, also available as an e-book, Birkhäuser (Springer Nature Switzerland AG) 2021. *The Mathematical Gazette*, 107(570): 567–569, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/3000-years-of-analysis-by-thomas-sonar-pp-xx706-10999-hard-isbn-9783030-582210-also-available-as-an-ebook-birkhauser-springer-nature-switzerland-ag-2021/E27F1CBF139F726F65F267BE72FD93AB.

**Giblin:2024:BRM**

[Gib24] Peter Giblin. Book review: *Mathematics is beautiful* by Heinz Klaus Strick, pp. 366, £24.99 (paper), ISBN 978-3-662-62688-7, £19.99 (eBook) ISBN 978-3-662-62689-4, Springer Verlag (2021). *The Mathematical Gazette*, 108(571):188–189, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mathematics-is-beautiful-by-heinz-klaus-strick-pp-366-2499-paper-isbn-9783662626887-1999-ebook-isbn-9783662626894-springer-verlag-2021/EABE0B30D965EF731E6C061B8AFE81AA.

**Girban:2023:DIT**

[Gîr23] Alexandru Gîrban. Desargues' involution theorem: from history to applications. *The Mathematical Gazette*, 107(568):44–55, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/desargues-involution-theorem-from-history-to-applications/25A88AC6960E300A2DD858BB9573878

**Gordon:2023:ISC**

[Gor23a] Russell A. Gordon. Integrating sine and cosine Maclaurin remainders. *The Mathematical Gazette*, 107(568):96–102, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/integrating-sine-and-cosine-maclaurin-remainders/3EE35D9155EDB85334C81E2F51F82321.

**Goron:2023:MRT**

[Gor23b] Paul Goron. 107.09 A metric relation on the triangle and the circle. *The Mathematical Gazette*, 107(568):146–147, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10709-a-metric-relation-on-the-triangle-and-the-circle/ED6B146AFFEF24A9C59749316CDC7810.

**Griffiths:2020:BRM**

[Gri20] Martin Griffiths. Book review: *The mathematics of everyday life* by Alfred S. Posamentier and Christian Spreitzer, pp. 424, $25 (hard), ISBN 978-1-63388-387-1, Prometheus Books (2018). *The Mathematical Gazette*, 104(560):367–368, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mathematics-of-everyday-life-by-alfred-s-posamentier-and-christian-spreitzer-pp-424-25-hard-isbn-9781633883871-prometheus-books-2018/C259536B6EED105257751B61B7755D1C.

**Griffiths:2021:SCF**

[Gri21] Martin Griffiths. 105.01 On some composite Fibonacci expressions. *The Mathematical Gazette*, 105(562):106–108, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10501-on-some-composite-fibonacci-expressions/962C6CBAE91D197480CD67D200E9942F.

**Griffiths:2024:AT**

[Gri24] Jonny Griffiths. ABC-triangles. *The Mathematical Gazette*, 108(571):78–83, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/abctriangles/707190B527DA80251DD9ADB926B1CE91.

**Grimmett:2021:LBP**

[GS21] Geoffrey R. Grimmett and David R. Stirzaker. The lost boarding pass and other practical problems. *The Mathematical Gazette*, 105(563):216–221, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/lost-boarding-pass-and-other-practical-problems/DD427C86C04E53E808D4BA12FCD44C29.

**Girban:2022:PPJ**

[GS22] Alexandru Gîrban and Bogdan D. Suceavă. Power of a point: from Jakob Steiner to modern applications. *The Mathematical Gazette*, 106(565):41–53, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/power-of-a-point-from-jakob-steiner-to-modern-applications/E669C249603C7F87842341A41485FFD1.

**Gardiner:2023:WMG**

[GT23] Tony Gardiner and Chris Tew. What makes a good maths teacher? *The Mathematical Gazette*, 107(569):286–300, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/what-makes-a-good-maths-teacher/EDE80B73095A6345B5B7112ED362D1B7.

**Gupta:2024:DRA**

[Gup24] Shyam Sunder Gupta. 108.04 Digital root analysis of Smith numbers. *The Mathematical Gazette*, 108(571):124–130, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10804-digital-root-analysis-of-smith-numbers/E5E1B37C2D4F429A0EADEF53EF3EF367.

**Hajja:2020:MPG**

[Haj20] Mowaffaq Hajja. 104.17 More proofs of the AM–GM inequality. *The Mathematical Gazette*, 104(560):318–326, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10417-more-proofs-of-the-amgm-inequality/089FD8AFA839D001F8C8BDC97E438896.

**Hajja:2021:EAA**

[Haj21] Mowaffaq Hajja. Equality of areas among the ears of the Routh triangle. *The Mathematical Gazette*, 105(563):245–252, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/equality-of-areas-among-the-ears-of-the-routh-triangle/545060D24C42DD2C3FBF09A87027EA8C.

**Hajja:2022:ASA**

[Haj22] Mowaffaq Hajja. The arbitrariness of the semi-angle-bisectors of a triangle. *The Mathematical Gazette*, 106(565):78–83, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/arbitrariness-of-the-semianglebisectors-of-a-triangle/3D7C89F878F2ECE1BAFD16D17C8CD343.

**Hajja:2023:SLTa**

[Haj23a] Mowaffaq Hajja. 107.11 The Steiner–Lehmus Theorem à la Ceva. *The Mathematical Gazette*, 107(568):149–153, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10711-the-steinerlehmus-theorem-a-la-ceva/4A187614886683150B08FD98DFCDC405.

**Hajja:2023:SLTb**

[Haj23b] Mowaffaq Hajja. 107.12 The Steiner-Lehmus theorem à la Euclid. *The Mathematical Gazette*, 107(568):153–155, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10712-the-steinerlehmus-theorem-a-la-euclid/A88CFEA770911A883FA037787781DC85.

**Hall:2020:BRS**

[Hal20a] Peter Hall. Book review: *Senior problems* by Andrew Jobbings, pp. 285, £16 (paper), ISBN 978-1-90600-133-9, UK Mathematics Trust (2018). *The Mathematical Gazette*, 104(560):380, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/senior-problems-by-andrew-jobbings-pp-285-16-paper-isbn-9781906001339-uk-mathematics-trust-2018/C7306D3F5EFA4238A7568F666734FF8F.

**Hall:2020:BRR**

[Hal20b] Peter Hall. Book review: *The room in the elephant* by Chris Pritchard, pp. 208, £18 (paper), ISBN 978-1-91161-600-9, The Mathematical Association (2019). *The Mathematical Gazette*, 104(560):381, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/room-in-the-elephant-by-chris-pritchard-pp-208-18-paper-isbn-9781911616009-the-mathematical-association-2019/401E5F34F5F0CB2AF3954B83A56DEAA

**Hall:2021:BRM**

[Hal21] Peter Hall. Book review: *Math makers* by Alfred S. Posamentier and Christian Spreizer, pp. 448, $25, ISBN 978-1-63388-520-2, Prometheus Books (2019). *The Mathematical Gazette*, 105(562):178, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/math-makers-by-alfred-s-posamentier-and-christian-spreizer-pp-448-25-isbn-9781633885202-prometheus-books-2019/FB224585B3935C31221C6FD8783AAA55.

**Hall:2022:BRF**

[Hal22a] Peter Hall. Book review: *Fibonacci's rabbits* by Adam Hart-Davis, pp. 176, £12.99 (paper), ISBN 978-1-912827-03-9, Modern Books (2019). *The Mathematical Gazette*, 106(565):191, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/fibonaccis-rabbits-by-adam-hartdavis-pp-176-1299-paper-isbn-9781-912827039-modern-books-2019/D1C56DFBA72389E0E70A458F2FCA27

**Hall:2022:BRP**

[Hal22b] Peter Hall. Book review: *Pack up a penguin, journeys into the mathematics of area* by Chris Pritchard, pp. 240, £19.00 (MA members £13.30), ISBN 978-1-911616-08-5, The Mathematical Association (2020). *The Mathematical Gazette*, 106(566):361, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/pack-up-a-penguin-journeys-into-the-mathematics-of-area-by-chris-pritchard-pp-240-1900-ma-members-1330-isbn-9781911616085-the-mathematical-association-2020/B70EBF05B0A53128931FC7B7B9E2C9FF.

**Hall:2022:BRQ**

[Hal22c] Peter Hall. Book review: *Quantitative reasoning* by Eric Zaslow, pp. 227, £26.99 (paper), ISBN 978-1-108-41090-8, Cambridge University Press (2020) (e-version reviewed). *The Mathematical Gazette*, 106(566):374–375, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/quantitative-reasoning-

by-eric-zaslow-pp-227-2699-paper-isbn-9781108410908-cambridge-university-press-2020-eversion-reviewed/88762EF4BDA123E126632837A1590

**Hall:2023:BRA**

[Hal23] Peter Hall. Book review: *All the mathematics you missed (but needed to know for graduate school)* (second edition) by Thomas A. Garrity, pp. 388, £22.99 (paper), ISBN 978-1-009-00919-5, Cambridge University Press (2021). *The Mathematical Gazette*, 107(570):561–562, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/all-the-mathematics-you-missed-but-needed-to-know-for-graduate-school-second-edition-by-thomas-a-garrity-pp-388-2299-paper-isbn-9781009009195-cambridge-university-press-2021/3D92EFA9DE951B86FD31D754D13F0A09.

**Hammond:2020:AFD**

[Ham20] Christopher N. B. Hammond. 104.16 Another function with discontinuous derivative. *The Mathematical Gazette*, 104(560): 315–318, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10416-another-function-with-discontinuous-derivative/3C6F935A8B5E88C014808E96909DD1CC

**Hassani:2021:PW**

[Has21a] Mehdi Hassani. 105.22 Proof without words. *The Mathematical Gazette*, 105(563):303, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10522-proof-without-words/FCEBF22B1B2D9AABC1BC1DDCBF697843.

**Hassani:2021:CMT**

[Has21b] Mehdi Hassani. 105.24 Conditional $2 \times 2$ matrices with three prime elements and given determinant. *The Mathematical Gazette*, 105(563):305–306, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10524-conditional-2-2-matrices-with-three-prime-elements-and-given-determinant/32009ABC926B0DA555A011E577096A90.

**Hassani:2022:OPW**

[Has22] Mehdi Hassani. 106.09 Observations on a proof without words. *The Mathematical Gazette*, 106(565):133–134, March 2022. CO-

DEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10609-observations-on-a-proof-without-words/22985FB4DBB460A49461C1446E609F14.

**Hassani:2024:PWL**

[Has24] Mehdi Hassani. 108.12 Proof without words: a lower bound for $n!$. *The Mathematical Gazette*, 108(571):146, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10812-proof-without-words-a-lower-bound-for-n/336D4B0054867CB1B076A305308F12D8.

**Haugland:2023:ICM**

[Hau23] Ole Anton Haugland. 107.46 Illustrating complex mappings with Excel. *The Mathematical Gazette*, 107(570):537–542, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10746-illustrating-complex-mappings-with-excel/4BFEA7B3A101198D1D3C3DC1F6BF5695.

**Haworth:2020:BRB**

[Haw20] Anne Haworth. Book review: *The book of why* by Judea Pearl, pp. 419, $32 (hard), ISBN 978-0-46509-760-9, Basic Books (2018). *The Mathematical Gazette*, 104(560):366–367, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/book-of-why-by-judea-pearl-pp-419-32-hard-isbn-9780465097609-basic-books-2018/A301B437EA11971F6AA8C68E382534A8.

**Haworth:2021:BRB**

[Haw21a] Anne Haworth. Book review: *Beyond infinity* by Eugenia Cheng, pp. 202, £12.99 (paper), ISBN 978-0-46509-481-3, also available as e-book, Profile Books (2017). *The Mathematical Gazette*, 105(563):381–382, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/beyond-infinity-by-eugenia-cheng-pp-202-1299-paper-isbn-9780465094813-also-available-as-ebook-profile-books-2017/71F8A3F954DE90DA754B99F51AFF9ABA.

**Haworth:2021:BRM**

[Haw21b] Anne Haworth. Book review: *More puzzles from Pie* edited by Wil Ransome, pp. 96, £10 (paper) (£7 for members), ISBN 978-0-90658-889-5, The Mathematical Association (2016). *The Mathematical Gazette*, 105(563):381, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/more-puzzles-from-pie-edited-by-wil-ransome-pp-96-10-paper-7-for-members-isbn-9780906588895-the-mathematical-association-2016/6864ECC1F18A4F8D5344C9ADBA42DB15.

**Haworth:2024:BRC**

[Haw24] Anne Haworth. Book review: *Can fish count?* by Brian Butterworth, pp. 373, £20, (hard), ISBN 978-1-5294-1125-6, Quercus Books (2022). *The Mathematical Gazette*, 108(571):180, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/can-fish-count-by-brian-butterworth-pp-373-20-hard-isbn-9781529411256-quercus-books-2022/EC3306664D275D6DF9A5D0708974A395.

**Humenberger:2024:GLA**

[HE24] Hans Humenberger and Franz Embacher. 108.17 On a generalisation of the Lemoine axis. *The Mathematical Gazette*, 108(571): 154–158, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10817-on-a-generalisation-of-the-lemoine-axis/3BB34C60317015941A375AA96ECA80BF.

**Hewitt:2022:BRC**

[Hew22] Samuel Hewitt. Book review: *Curves for the mathematically curious* by Julian Havil, pp. 259, £14.99 (paper), ISBN 978-0-691-20613-4, Princeton University Press (2019). *The Mathematical Gazette*, 106(565):184–185, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/curves-for-the-mathematically-curious-by-julian-havil-pp-259-1499-paper-isbn-9780691206134-princeton-university-press-2019/356F4C2FAB34E7F81A76FF0A70A1

**Hewitt:2023:BRT**

[Hew23] Samuel Hewitt. Book review: *Trigonometric delights* by Eli Maor, pp. 236, £17.95 (paper), ISBN 978-0-691-20219-8,

Princeton University Press (2020). *The Mathematical Gazette*, 107(568):185–186, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/trigonometric-delights-by-eli-maor-pp-236-1795-paper-isbn-9780691202198-princeton-university-press-2020/76A92D706A13F331F8EF5A95F240C490.

**Hiller:2021:THM**

[Hil21] Josh Hiller. 105.41 Topology haiku matrix. *The Mathematical Gazette*, 105(564):516, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10541-topology-haiku-matrix/189F75B7E0D50BA8E820F7D9643F5636.

**Hajja:2023:MCP**

[HK23a] Mowaffaq Hajja and Panagiotis T. Krasopoulos. More characterisations of parallelograms. *The Mathematical Gazette*, 107 (568):76–83, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/more-characterisations-of-parallelograms/6323236D93C189C11954F2C895A845F1.

**Hajja:2023:YMC**

[HK23b] Mowaffaq Hajja and Panagiotis T. Krasopoulos. Yet more characterisations of parallelograms. *The Mathematical Gazette*, 107(569):225–233, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/yet-more-characterisations-of-parallelograms/94EA844B4918F65A46D399579D9AE941.

**Hassani:2023:PWI**

[HL23] Mehdi Hassani and Gerry Leversha. 107.21 Proof without words: An inverse tangent inequality. *The Mathematical Gazette*, 107(569):323–324, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10721-proof-without-words-an-inverse-tangent-inequality/0127F00C97F7C25D5AF04421A5B8890C.

**Heffernan:2024:EPP**

[HLM24] Robert Heffernan, Nick Lord, and Des MacHale. Euler's prime-producing polynomial revisited. *The Mathematical Gazette*,

108(571):69–77, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/eulers-primeproducing-polynomial-revisited/1F76183BF30CECE688E31E8F10F3

**Hoare:2020:BRM**

[Hoa20] Graham T. Q. Hoare. Book review: *Millions billions zillions* by Brian W. Kernighan, pp. 160, £17.99 (hard), ISBN 978-0-691-18277-3, Princeton University Press (2018). *The Mathematical Gazette*, 104(560):362, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/millions-billions-zillions-by-brian-w-kernighan-pp-160-1799-hard-isbn-9780691182773-princeton-university-press-2018/05F7430558CF469ECE3B524DA30A5678.

**Hopkins:2022:BRS**

[Hop22a] David Hopkins. Book review: *Stochastic modelling of reaction–diffusion processes* by Radek Erban and S. Jonathan Chapman, pp. 308, £36.99 (paperback), ISBN 978-1-108-70300-0, Cambridge University Press (2020). *The Mathematical Gazette*, 106(565):186–187, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/stochastic-modelling-of-reactiondiffusion-processes-by-radek-erban-and-s-jonathan-chapman-pp-308-3699-paperback-isbn-9781108703000-cambridge-university-press-2020/BDC1A60984AC1905A6A3B6AE7DB1

**Hopkins:2022:DP**

[Hop22b] David Hopkins. Dropping plates. *The Mathematical Gazette*, 106(566):193–205, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/dropping-plates/3EDCDD2CB832F1AB76D385C54BF5414E.

**Haque:2023:PID**

[HP23] Nazrul Haque and Ángel Plaza. 107.06 Proving inequalities via definite integration: a visual approach. *The Mathematical Gazette*, 107(568):136–140, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10706-proving-inequalities-via-definite-integration-a-visual-approach/FF7D29BA8BA244E5EBFE59F059248389.

**Hamzic:2020:TPG**

[HS20] Dina Kamber Hamzić and Zenan Sabanac. Two plane geometry problems approached through analytic geometry. *The Mathematical Gazette*, 104(560):255–261, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/two-plane-geometry-problems-approached-through-analytic-geometry/2323F2093AEFC6C3469630F3B4120D56`.

**Hu:2022:GIC**

[Hu22] Hailiang Hu. 106.04 a geometric interpretation of Cramer's rule. *The Mathematical Gazette*, 106(565):124–125, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10604-a-geometric-interpretation-of-cramers-rule/145C6FF01298FF7FF56F7940B845C866`.

**Humenberger:2020:FTG**

[Hum20] Hans Humenberger. 104.08 Finding triangles with given circummedial triangle. *The Mathematical Gazette*, 104(559):164–168, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10408-finding-triangles-with-given-circummedial-triangle/FC3417E92EF5765EC736C7879DC6DA7A`.

**Hunacek:2020:BRF**

[Hun20a] Mark Hunacek. Book review: *A first course in differential geometry* by L. M. Woodward and J. Bolton, pp. 263, £29.99 (paper), ISBN 978-1-108-44102-5, Cambridge University Press (2018). *The Mathematical Gazette*, 104(560): 374–376, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/first-course-in-differential-geometry-by-l-m-woodward-and-j-bolton-pp-263-2999-paper-isbn-9781108441025-cambridge-university-press-2018/698118AFF0D74DE3D00B8E6067534088`.

**Hunacek:2020:BRS**

[Hun20b] Mark Hunacek. Book review: *A short course in differential topology* by Bjorn Ian Dundas, pp. 251, £39.99 (hard), ISBN 978-1-10842-579-7, Cambridge University Press (2018). *The Mathematical Gazette*, 104(560):371–373, July 2020. CODEN MAGAAS.

ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/short-course-in-differential-topology-by-bjorn-ian-dundas-pp-251-3999-hard-isbn-9781108425797-cambridge-university-press-2018/3638FC2C39FC0CD6EC6688A5BBA3C250.

**Hunt:2020:BRB**

[Hun20c] Francis Hunt. Book review: *Is that a big number?* by Andrew C. A. Elliott, pp. 338, £18.99 (hard), ISBN 978-0-19882-122-9, Oxford University Press (2018). *The Mathematical Gazette*, 104(560):362–364, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/is-that-a-big-number-by-andrew-c-a-elliott-pp-338-1899-hard-isbn-9780198821229-oxford-university-press-2018/F39CDE62611B0921E2E10DE43EC61682.

**Hunacek:2021:BRGb**

[Hun21a] Mark Hunacek. Book review: *A gentle course in local class field theory* by Pierre Guillot, pp. 293, £28.99 (paper), ISBN 978-1-108-43224-5, Cambridge University Press (2018). *The Mathematical Gazette*, 105(563):371–373, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/gentle-course-in-local-class-field-theory-by-pierre-guillot-pp-293-2899-paper-isbn-9781108432245-cambridge-university-press-2018/F414F5140A3F2B728ADD04462F0D47FD.

**Hunacek:2021:BRD**

[Hun21b] Mark Hunacek. Book review: *Discrete harmonic analysis* by Tullio Ceccherini-Silberstein, Fabio Scarabotti and Filippo Tolli, pp. 572, £74.99 (hard), ISBN 978-1-10718-233-2, also available as ebook, Cambridge University Press (2018). *The Mathematical Gazette*, 105(563):373–375, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/discrete-harmonic-analysis-by-tullio-ceccherinisilberstein-fabio-scarabotti-and-filippo-tolli-pp-572-7499-hard-isbn-9781107182332-also-available-as-ebook-cambridge-university-press-2018/924592A60D6B05C040F7E77C086C9F84.

**Hunacek:2021:BRGa**

[Hun21c] Mark Hunacek. Book review: *Geometric and topological in-*

*ference* by Jean-Daniel Boissonnat, Frédéric Chazal and Mariette Yvinec, pp. 233, £28.99 (paper), ISBN 978-1-108-41089-2, Cambridge University Press (2018). *The Mathematical Gazette*, 105(562):184–185, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/geometric-and-topological-inference-by-jeandaniel-boissonnat-frederic-chazal-and-mariette-yvinec-pp-233-2899-paper-isbn-9781108410892-cambridge-university-press-2018/0B23CA25507EF647BB17A5ADB04E2855.

**Hunt:2021:BRMb**

[Hun21d] Francis Hunt. Book review: *Making up your own mind* by Edward B. Burger, pp. 136, £16.99 (hard), ISBN 978-0-69-118278-0, Princeton University Press (2018). *The Mathematical Gazette*, 105(563):369–370, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/making-up-your-own-mind-by-edward-b-burger-pp-136-1699-hard-isbn-9780691182780-princeton-university-press-2018/4223490C6965B6ABB2D56FD71247B345.

**Hunt:2021:BRMa**

[Hun21e] Francis Hunt. Book review: *Maths on the back of an envelope: Clever ways to (roughly) calculate anything* by Rob Eastaway, pp. 208, £9.99 (hard), ISBN 978-0-00-832458-2, Harper Collins (2019). *The Mathematical Gazette*, 105(562):190, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/maths-on-the-back-of-an-envelope-clever-ways-to-roughly-calculate-anything-by-rob-eastaway-pp-208-999-hard-isbn-9780008324582-harper-collins-2019/DA4E650C2327DBB7EA25EA0542BA9E85.

**Hunacek:2022:BRIb**

[Hun22a] Mark Hunacek. Book review: *An introduction to functional analysis* by James C. Robinson, pp 248, £29.99 (paper), ISBN 978-0-521-72839-3, Cambridge University Press (2020). *The Mathematical Gazette*, 106(566):375–376, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/an-introduction-to-functional-analysis-by-james-

c-robinson-pp-248-2999-paper-isbn-9780521728393-cambridge-university-press-2020/2298842DCF45C2A64FE3DDD2D3EB6043.

**Hunacek:2022:BRF**

[Hun22b] Mark Hunacek. Book review: *Fundamentals of graph theory* by Allan Bickle, pp. 336, $85, ISBN 978-1-4704-5342-8, American Mathematical Society (2020). *The Mathematical Gazette*, 106(566):379–380, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/fundamentals-of-graph-theory-by-allan-bickle-pp-336-85-isbn-9781470453428-american-mathematical-society-2020/459590BB34F0B1F30DBBF856862B6E67.

**Hunacek:2022:BRIa**

[Hun22c] Mark Hunacek. Book review: *Introduction to approximate groups* by Matthew C. H. Tointon, pp. 205, £26.99 (paper), ISBN 978-1-108-45644-9, Cambridge University Press (2019). *The Mathematical Gazette*, 106(565):175–176, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/introduction-to-approximate-groups-by-matthew-c-h-tointon-pp-205-2699-paper-isbn-9781108456449-cambridge-university-press-2019/6CCBD5448A72EAF275CA1F04B71FF4B8.

**Hunacek:2022:BRLa**

[Hun22d] Mark Hunacek. Book review: *Linear algebra for the young mathematician* by Steven Weintraub, pp, 389, $89.00 (hard), ISBN 978-1-4704-5084-7, American Mathematical Society (AMS) (2019). *The Mathematical Gazette*, 106(565):176–178, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/linear-algebra-for-the-young-mathematician-by-steven-weintraub-pp-389-8900-hard-isbn-9781470450847-american-mathematical-society-ams-2019/6E6B06016019B6078E0F9F5F39B73B03.

**Hunacek:2022:BRLb**

[Hun22e] Mark Hunacek. Book review: *Linear algebra I* by Frederick P. Greenleaf and Sophie Marques, pp. 261, $51 (paper), ISBN 978-1-4704-4871-4, American Mathematical Society (2019). *The Mathematical Gazette*, 106(565):178–179, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-

6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/linear-algebra-i-by-frederick-p-greenleaf-and-sophie-marques-pp-261-51-paper-isbn-9781470448714-american-mathematical-society-2019/286BBE9D02ADF85D8B1EB22D8776476B.

**Hunacek:2022:BRLc**

[Hun22f] Mark Hunacek. Book review: *Linear algebra II* by Frederick P. Greenleaf and Sophie Marques, pp. 312, £58.95 (paper), ISBN 978-1-4704-5425-8, American Mathematical Society (2020). *The Mathematical Gazette*, 106(565):180–181, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/linear-algebra-ii-by-frederick-p-greenleaf-and-sophie-marques-pp-312-5895-paper-isbn-9781470454258-american-mathematical-society-2020/653446EB4A1BA296FFF1687662783E68.

**Hunacek:2022:BRRb**

[Hun22g] Mark Hunacek. Book review: *Representations of finite groups of Lie type* (2nd edn.) by François Digne and Jean Michel, pp 172, £37.99 (paper), ISBN 978-1-108-72262-9, Cambridge University Press (2020). *The Mathematical Gazette*, 106(566):372–373, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/representations-of-finite-groups-of-lie-type-2nd-edn-by-francois-digne-and-jean-michel-pp-172-3799-paper-isbn-9781108722629-cambridge-university-press-2020/9053169F5758B30BE68B79EE943C6108.

**Hunacek:2022:BRRa**

[Hun22h] Mark Hunacek. Book review: *Republic of numbers* by David Lindsay Roberts, pp. 244, £22, ISBN 978-1-42143-308-0, Johns Hopkins University Press (2019). *The Mathematical Gazette*, 106(565):172–173, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/republic-of-numbers-by-david-lindsay-roberts-pp-244-22-isbn-978142143-3080-johns-hopkins-university-press-2019/54FCF243840F71AE8F8DF8B934A8B942.

**Hung:2022:NPD**

[Hun22i] Tran Quang Hung. 106.12 A new proof of the $n$-dimensional Pythagorean theorem. *The Mathematical Gazette*, 106(565): 136–137, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10612-a-new-proof-of-the-ndimensional-pythagorean-theorem/AD84063E7E09BA6F288CBEF64F92EEC8`.

**Hunacek:2023:BRG**

[Hun23a] Mark Hunacek. Book review: *Geometry Transformed* by James R. King, pp 282, £91.50 (paper), ISBN 978-1-4704-6307-6, American Mathematical Society (2021). *The Mathematical Gazette*, 107(569):376–379, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/geometry-transformed-by-james-r-king-pp-282-9150-paper-isbn-9781470463076-american-mathematical-society-2021/09A0F0D1AA749CFD39259B2385431148`.

**Hunacek:2023:BRN**

[Hun23b] Mark Hunacek. Book review: *The new era in American mathematics: 1920–1950* by Karen Hunger Parshall, pp. 640, £40 (paper), ISBN 978-0-691-23524-0, Princeton University Press (2022). *The Mathematical Gazette*, 107 (570):560–561, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/new-era-in-american-mathematics-19201950-by-karen-hunger-parshall-pp-640-40-paper-isbn-9780691235240-princeton-university-press-2022/31240D64D635A8D5481E87313BCF407E`.

**Hunt:2023:BRW**

[Hun23c] Francis Hunt. Book review: *When least is best: how mathematicians discovered many clever ways to make things as small (or as large) as possible* by Paul J. Nahin, pp. 392, £20 (paper), 978-0-69121-876-2, Princeton University Press (2021). *The Mathematical Gazette*, 107(568):183–185, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/when-least-is-best-how-mathematicians-discovered-many-clever-ways-to-make-things-as-small-or-as-large-as-possible-by-paul-`

j-nahin-pp-392-20-paper-9780691218762-princeton-university-press-2021/D4C24613DA32C007C99E390088F39830.

**Hunacek:2024:BRL**

[Hun24] Mark Hunacek. Book review: *Lost in the Math Museum* by Colin Adams, pp 209, $35 (paperback), ISBN 978-1-4704-6858-3, American Mathematical Society (2022). *The Mathematical Gazette*, 108(571):189–190, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/lost-in-the-math-museum-by-colin-adams-pp-209-35-paperback-isbn-9781470468583-american-mathematical-society-2022/BD792CD2B25409F060DA2A5E4AC1DAD0.

**Jacob:2020:BRU**

[Jac20] Niels Jacob. Book review: *Understanding topology, a practical introduction* by Shaun V. Ault, pp. 416, £74.00 (hard), ISBN 978-1-42142-407-1, Johns Hopkins University Press (2018). *The Mathematical Gazette*, 104(559):189–190, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/understanding-topology-a-practical-introduction-by-shaun-v-ault-pp-416-7400-hard-isbn-9781421424071-johns-hopkins-university-press-2018/1E744E48732D2723E0A6DD02F0D394CC.

**Jacoby:2021:BRC**

[Jac21] Michael Jacoby. Book review: *Calculating the cosmos* by Ian Stewart, pp 352, £20.00 (hard), ISBN 978-1-78125-433-2, Basic Books (2016). *The Mathematical Gazette*, 105(563):376–377, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/calculating-the-cosmos-by-ian-stewart-pp-352-2000-hard-isbn-9781781254332-basic-books-2016/F151B1A7614509E27CE0B0D60987FDC5.

**Jahangiri:2022:GCO**

[Jah22] Jay Jahangiri. 106.45 A generalisation of a classical open-top box problem. *The Mathematical Gazette*, 106(567):526–531, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10645-a-generalisation-of-a-classical-opentop-box-problem/2FC966248811D86999DF08D473A34FB2.

**Jameson:2020:HCA**

[Jam20] G. J. O. Jameson. How close is the approximation by Bernstein polynomials? *The Mathematical Gazette*, 104 (561):482–494, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/how-close-is-the-approximation-by-bernstein-polynomials/8977AED8E7B8FE95850F47F084567E86`.

**Jameson:2021:MRF**

[Jam21a] G. J. O. Jameson. 105.09 Monotonic ratios of functions. *The Mathematical Gazette*, 105(562):129–134, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10509-monotonic-ratios-of-functions/89C32AA76F70B81ABE953CB018781746`.

**Jameson:2021:REO**

[Jam21b] G. J. O. Jameson. 105.20 Revisiting even and odd squarefree numbers. *The Mathematical Gazette*, 105(563):299–300, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10520-revisiting-even-and-odd-squarefree-numbers/BCEC5D4187475B19959139F3589DD3EA`.

**Jameson:2021:MMT**

[Jam21c] G. J. O. Jameson. Monotonicity of the midpoint and trapezium estimates for integrals. *The Mathematical Gazette*, 105 (564):433–441, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/monotonicity-of-the-midpoint-and-trapezium-estimates-for-integrals/AE092CDA744E3CBFB6044684BADB8950`.

**Jameson:2021:TWG**

[Jam21d] G. J. O. Jameson. Two ways to generate monotonic sequences: convexity and ratios. *The Mathematical Gazette*, 105(562):16–26, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/two-ways-to-generate-monotonic-sequences-convexity-and-ratios/2E4671537901ECAB78C7A5C952E4550D`.

**Jameson:2022:ESS**

[Jam22a] G. J. O. Jameson. Equal sums, sums of squares and sums of cubes. *The Mathematical Gazette*, 106(565):54–60, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/equal-sums-sums-of-squares-and-sums-of-cubes/E32D2F1CD2E965ED9CB8ADC97E6C07C9.

**Jameson:2022:MPC**

[Jam22b] G. J. O. Jameson. The majorisation principle for convex functions. *The Mathematical Gazette*, 106(565):95–102, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/majorisation-principle-for-convex-functions/8ABE6BA3AD1B1D69E8102F58F7198BE0.

**Jameson:2022:PSR**

[Jam22c] Graham Jameson. On 'A pretty series revisited'. *The Mathematical Gazette*, 106(566):350, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-a-pretty-series-revisited/E73324C990567DD2DBEA6113A38742AF.

**Jameson:2023:ALC**

[Jam23a] G. J. O. Jameson. Approximating Lipschitz and continuous functions by polynomials; Jackson's theorem. *The Mathematical Gazette*, 107(569):273–285, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/approximating-lipschitz-and-continuous-functions-by-polynomials-jacksons-theorem/5AC47AD5026199C84A46EC8F21BFDEAB.

**Jameson:2023:FCT**

[Jam23b] G. J. O. Jameson. Fourier coefficients of $1/sin\theta$ and $\theta/sin\theta$. *The Mathematical Gazette*, 107(570):412–421, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/fourier-coefficients-of-1-over-sin-theta-and-thetaover-sin-theta/C3DE806D8C73E45E9BFA9482835860A9.

**Jameson:2023:HIA**

[Jam23c] G. J. O. Jameson. Hardy's inequality for averages. *The Mathematical Gazette*, 107(568):25–34, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/hardys-inequality-for-averages/D92B41B6401F05D485419405EF7465B0`

**Jameson:2023:VPP**

[Jam23d] G. J. O. Jameson. Various perspectives on a pair of simple inequalities for $\log x$. *The Mathematical Gazette*, 107 (570):430–437, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/various-perspectives-on-a-pair-of-simple-inequalities-for-log-x/FEED7E17AD406EBEC698CA8C8561BE97`.

**Jameson:2023:X**

[Jam23e] Graham Jameson. On 107.27. *The Mathematical Gazette*, 107(570):549, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/on-10727/62350751882E080D733611BDD3866D98`.

**Jewess:2024:OIE**

[Jew24] Michael Jewess. $xy = \cos(x + y)$ and other implicit equations that are surprisingly easy to plot. *The Mathematical Gazette*, 108(571):1–11, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/xy-cos-x-y-and-other-implicit-equations-that-are-surprisingly-easy-to-plot/53662F33414BB389B93DD76A75B66D85`.

**Jiang:2022:IGB**

[Jia22] Wei-Dong Jiang. 106.29 An improvement on the garfunkelbankoff inequality. *The Mathematical Gazette*, 106(566):342–344, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10629-an-improvement-on-the-garfunkelbankoff-inequality/5ED044878DA96B136F9F075166726078`

**Johnson:2021:PMS**

[Joh21] Clive Johnson. 105.28 Periodic Möbius sequences. *The Mathematical Gazette*, 105(563):312–318, July 2021. CODEN MA-

GAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10528-periodic-mobius-sequences/A66FF07C94C343566F0103EF2B247E6

**Josefsson:2020:CMQ**

[Jos20] Martin Josefsson. 104.20 A characterisation of midsquare quadrilaterals. *The Mathematical Gazette*, 104(560):331–335, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10420-a-characterisation-of-midsquare-quadrilaterals/E2F464B9D979E0B0F96E9627334F9D2C

**Josefsson:2022:NCB**

[Jos22] Martin Josefsson. New characterisations of bicentric quadrilaterals. *The Mathematical Gazette*, 106(567):414–426, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/new-characterisations-of-bicentric-quadrilaterals/FC39A554F8619199FB58D8D24BA4C712.

**Kaczkowski:2020:CSB**

[Kac20] Stephen Kaczkowski. Concurrent sequences of Bernoulli trials. *The Mathematical Gazette*, 104(561):435–448, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/concurrent-sequences-of-bernoulli-trials/D750A8BB7B5F8436CB1E20D50EEA3B31.

**Katsuura:2023:HCC**

[Kat23] Hidefumi Katsuura. 107.24 How to cut cubes into dodecahedra and icosahedra. *The Mathematical Gazette*, 107(569):332–340, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10724-how-to-cut-cubes-into-dodecahedra-and-icosahedra/BA65C4FC1578722CA2BBE92AE4A5A72D.

**Kilner:2021:PTA**

[KF21a] Steven J. Kilner and David L. Farnsworth. Pairing theorems about parabolas through duality. *The Mathematical Gazette*, 105(564):385–396, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/

article/pairing-theorems-about-parabolas-through-duality/2AADE00BD2476863827269D71FBE81E3.

**Kilner:2021:PC**

[KF21b] Steven J. Kilner and David L. Farnsworth. Parabolic coordinates. *The Mathematical Gazette*, 105(563):226–236, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/parabolic-coordinates/E444B0EFA705570E7486A82A24A6B6CD.

**Kilner:2023:OMG**

[KF23] Steven J. Kilner and David L. Farnsworth. 107.31 Obtaining a more general result from a functional equation by not differentiating. *The Mathematical Gazette*, 107 (570):495–497, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10731-obtaining-a-more-general-result-from-a-functional-equation-by-not-differentiating/C699F30D1FE96C48172976EFE0FB57C1.

**Kilner:2024:RCP**

[KF24] Steven J. Kilner and David L. Farnsworth. Relating constructions and properties through duality. *The Mathematical Gazette*, 108(571):27–35, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/relating-constructions-and-properties-through-duality/FCB93A70D27DA1CA59ED7D8F189C5D37.

**Kiradjiev:2020:PCT**

[Kir20] Kristian B. Kiradjiev. 104.31 Polygons and complex trigonometric identities without complex numbers. *The Mathematical Gazette*, 104(561):522–527, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10431-polygons-and-complex-trigonometric-identities-without-complex-numbers/F10340B4846EE84F1BCD54413C4EAEA8.

**Kitagawa:2021:PSE**

[Kit21] Tomoko L. Kitagawa. Passionate souls: Elisabeth of Bohemia and René Descartes. *The Mathematical Gazette*, 105(563):193–200, July 2021. CODEN MAGAAS. ISSN

0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/passionate-souls-elisabeth-of-bohemia-and-rene-descartes/0EB78BACD0A3043CEC467A7A17B907BF.

**Kataria:2021:GBT**

[KM21] Kuldeep Kumar Kataria and Raj Kumar Mistri. 105.42 Generalised binomial theorem via Laplace transform technique. *The Mathematical Gazette*, 105(564):516–520, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10542-generalised-binomial-theorem-via-laplace-transform-technique/304CABA85C1E28EFDFB3FA8893A9543E.

**Kubo:2023:LBP**

[KNS23] Shohei Kubo, Toshio Nakata, and Naoki Shiraishi. The lost boarding pass problem: converse results. *The Mathematical Gazette*, 107(569):234–240, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/lost-boarding-pass-problem-converse-results/5CD00B2B637EE4CE08C05708118EE6B8.

**Kobal:2020:MZP**

[Kob20] Damjan Kobal. Matrix zeros of polynomials. *The Mathematical Gazette*, 104(559):27–35, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/matrix-zeros-of-polynomials/26893ED9800719FF827030074B9FF96B.

**Kobal:2023:MPA**

[Kob23] Damjan Kobal. A mathematical promenade along parallel paths. *The Mathematical Gazette*, 107(570):445–453, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mathematical-promenade-along-parallel-paths/E76B589E7383DDC20C67360CBE8983B1.

**Kolosov:2022:UIO**

[Kol22] Petro Kolosov. 106.37 An unusual identity for odd-powers. *The Mathematical Gazette*, 106(567):509–513, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/

mathematical-gazette/article/10637-an-unusual-identity-for-oddpowers/D6BCDCF54480B913CCDB5E6CA4FF5458.

**Koner:2020:UWF**

[Kon20] Sourav Koner. 104.02 Unifying Wilson's and Fermat's congruence theorems. *The Mathematical Gazette*, 104(559):146–150, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10402-unifying-wilsons-and-fermats-congruence-theorems/04A0030239F50ED5DEC70E1175E70FC2.

**Kronberg:2024:UPT**

[Kro24] Alexander Kronberg. 108.01 A use of Pythagorean triples in a problem in elementary geometry. *The Mathematical Gazette*, 108 (571):118–119, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10801-a-use-of-pythagorean-triples-in-a-problem-in-elementary-geometry/9B05A1EE9F48AEEA3FFA20474F32C15C.

**Kuhapatanakul:2021:LPC**

[KS21] Kantaphon Kuhapatanakul and Lalitphat Sukruan. Linearly periodic continued fractions. *The Mathematical Gazette*, 105 (564):442–449, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/linearly-periodic-continued-fractions/C70C17F8DEDAD21F88E5C26A8B151EA3.

**Khan:2023:QPT**

[KS23] Rasul Khan and Allan Silberger. 107.22 Quick proofs of two inequalities related to the digamma function. *The Mathematical Gazette*, 107(569):324–327, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10722-quick-proofs-of-two-inequalities-related-to-the-digamma-function/23FDD7A56180BE050751CA82ECE99B9E.

**Kulkarni:2021:SDB**

[Kul21] Raghavendra G. Kulkarni. 105.05 Simpler derivation of Bring radical. *The Mathematical Gazette*, 105(562):120–121, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/

journals/mathematical-gazette/article/10505-simpler-derivation-of-bring-radical/C1AF458601A7E6C769FC282FB698E4D4.

**L:2021:PCa**

[L.21a] N. J. L. Problem corner. *The Mathematical Gazette*, 105 (562):169–174, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/problem-corner/1D0A196DB83027551D47F1A274614D0D.

**L:2021:PCb**

[L.21b] N. J. L. Problem corner. *The Mathematical Gazette*, 105(563):358–364, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/problem-corner/BBE1A601BA4119DB9E3F7D036EAE296A.

**L:2022:PCa**

[L.22a] N. J. L. Problem corner. *The Mathematical Gazette*, 106 (565):159–166, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/problem-corner/AAB67A850DECE7911AD96FF92BFA7AE9.

**L:2022:PCb**

[L.22b] N. J. L. Problem corner. *The Mathematical Gazette*, 106(566):352–357, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/problem-corner/48C0D84FD5C5E0675A67F9727FA18444.

**L:2022:PC**

[L.22c] N. J. L. Problem corner. *The Mathematical Gazette*, 106 (567):553–559, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/problem-corner/6A3FC71432B3104C913B23AFD4312084.

**L:2023:PC**

[L.23] N. J. L. Problem corner. *The Mathematical Gazette*, 107 (570):550–555, November 2023. CODEN MAGAAS. ISSN

0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/problem-corner/22CE02B10231850D616B4E558EF8E244.

**L:2024:PC**

[L.24] N. J. L. Problem corner. *The Mathematical Gazette*, 108 (571):167–171, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/problem-corner/951433CC34EFD91BDE1ECF4EF030D509.

**Lamphere:2021:CNC**

[Lam21] Robert L. Lamphere. 105.15 Could Newton have calculated the deflection angle of starlight? *The Mathematical Gazette*, 105 (562):154–158, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10515-could-newton-have-calculated-the-deflection-angle-of-starlight/32D1E2D1183594AD676C3B47403C93EB.

**Laudano:2022:LTF**

[Lau22] Francesco Laudano. 106.40 The law of tangents and the formulae of Mollweide and Newton. *The Mathematical Gazette*, 106(567): 516–517, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10640-the-law-of-tangents-and-the-formulae-of-mollweide-and-newton/4E97B3AA3BE8C936598ABD4D25676646.

**Laudano:2023:NPE**

[Lau23a] Francesco Laudano. 107.38 $c^2 = a^2 + bd$, a new proof of an extension of the Pythagorean theorem. *The Mathematical Gazette*, 107(570):512–514, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10738-c2-a2-bd-a-new-proof-of-an-extension-of-the-pythagorean-theorem/FD9B18497733D1BB1E48697EC655AAD5.

**Laudano:2023:GAP**

[Lau23b] Francesco Laudano. 107.43 Generalised averages of polygons. *The Mathematical Gazette*, 107(570):528–530, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/

mathematical-gazette/article/10743-generalised-averages-of-polygons/63BA72A128A4F732C456EAE9BC0142CC.

**Lescot:2020:AQR**

[Les20] Paul Lescot. An arithmetical question related to perfect numbers. *The Mathematical Gazette*, 104(559):20–26, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/an-arithmetical-question-related-to-perfect-numbers/55E6BB7DCA03A3BCDDDA807ED3F93BD7.

**Leversha:2020:BRBa**

[Lev20a] Gerry Leversha. Book review: *The best writing on mathematics 2017* by Mircea Pitici (ed.), pp. 224, £20.00, ISBN 978-0-691-17863-9, Princeton University Press (2018). *The Mathematical Gazette*, 104(560):368–369, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/best-writing-on-mathematics-2017-by-mircea-pitici-ed-pp-224-2000-isbn-9780691178639-princeton-university-press-2018/F806460C6FB7E7CB3414DD58C58B77EB.

**Leversha:2020:BRBb**

[Lev20b] Gerry Leversha. Book review: *The best writing on mathematics 2018* by Mircea Pitici (ed.), pp. 250, £20.00, ISBN 978-0-691-18276-6, Princeton University Press (2019). *The Mathematical Gazette*, 104(560):370–371, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/best-writing-on-mathematics-2018-by-mircea-pitici-ed-pp-250-2000-isbn-9780691182766-princeton-university-press-2019/D43DE464B48D48613C677B6EEE87CE74.

**Leversha:2021:CTC**

[Lev21a] Gerry Leversha. 105.30 A Cinderella theorem in circle geometry. *The Mathematical Gazette*, 105(563):323–327, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10530-a-cinderella-theorem-in-circle-geometry/605C5A9D6868FAADC39513EE577EA771.

**Leversha:2021:WMG**

[Lev21b] Gerry Leversha. What makes a good Proof without Words? *The Mathematical Gazette*, 105(563):271–281, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/what-makes-a-good-proof-without-words/BF589EB1A692A2D7369138A4A34A6444`.

**Leversha:2022:A**

[Lev22a] Gerry Leversha. Acknowledgements. *The Mathematical Gazette*, 106(567):575, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/acknowledgements/C2798406D08333A84E8581606FE241BF`.

**Leversha:2022:BRM**

[Lev22b] Gerry Leversha. Book review: *Mathematics is the poetry of science* by Cédric Villani, translated by Malcolm DeBevoise, pp 69, £9.99, ISBN 978-0-19-884643-7, Oxford University Press (2020). *The Mathematical Gazette*, 106(566):371–372, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/mathematics-is-the-poetry-of-science-by-cedric-villani-translated-by-malcolm-debevoise-pp-69-999-isbn-9780198846437-oxford-university-press-2020/3DB191054DC07FA63DF9BBDC32D77C44`.

**Leversha:2022:BROb**

[Lev22c] Gerry Leversha. Book review: *OCR A level Further Mathematics for Core Year 2 (A)* by Ben Sparks and Claire Baldwin, pp. 342, £24, ISBN 978-1-4718-8648-5, Hodder Education (2017). *The Mathematical Gazette*, 106(567):566, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/ocr-a-level-further-mathematics-for-core-year-2-a-by-ben-sparks-and-claire-baldwin-pp-342-24-isbn-9781471886485-hodder-education-2017/78B4A79F3D5BD795E4E853F10A36A4AD`.

**Leversha:2022:BROa**

[Lev22d] Gerry Leversha. Book review: *OCR A level Mathematics (A) for Year 2* by Sophie Goldie, Val Hanrahan, Cath Moore, Jean-Paul Muscat and Susan Whitehouse, pp. 600, £29.99, ISBN

978-1-4718-5307-4, Hodder Education (2018). *The Mathematical Gazette*, 106(567):564–565, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/ocr-a-level-mathematics-a-for-year-2-by-sophie-goldie-val-hanrahan-cath-moore-jeanpaul-muscat-and-susan-whitehouse-pp-600-2999-isbn-9781471853074-hodder-education-2018/110DEAD0F0C8449F1D0A112D5B699FB9.

**Leversha:2022:BRB**

[Lev22e] Gerry Leversha. Book review: *The best writing on mathematics 2019* by Mircea Pitici (ed.), pp. 272, £20.00, ISBN 978-0-691-19835-4, Princeton University Press (2019). *The Mathematical Gazette*, 106(566):381–382, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/best-writing-on-mathematics-2019-by-mircea-pitici-ed-pp-272-2000-isbn-9780691198354-princeton-university-press-2019/FC6B89FFEBBCFE76A7AFF28818918501.

**Leversha:2022:BRW**

[Lev22f] Gerry Leversha. Book review: *The wonder book of geometry* by David Acheson, pp. 280, £12.99, ISBN 978-0-19-884638-3, Oxford University Press (2020). *The Mathematical Gazette*, 106(566):377–378, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/wonder-book-of-geometry-by-david-acheson-pp-280-1299-isbn-9780198846383-oxford-university-press-2020/ACB874749D41C5099E2592033FF7C45E.

**Leversha:2023:BROc**

[Lev23a] Gerry Leversha. Book review: *OCR A level Further Mathematics Discrete (A)* by Nick Geere, pp. 162, £21, ISBN 978-1-5104-3337-3, Hodder Education (2018). *The Mathematical Gazette*, 107 (568):179–181, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/ocr-a-level-further-mathematics-discrete-a-by-nick-geere-pp-162-21-isbn-9781510433373-hodder-education-2018/581640237F62E5920F79EF99DA7678F

**Leversha:2023:BROa**

[Lev23b] Gerry Leversha. Book review: *OCR A level Further Mathematics Mechanics (A)* by Jean-Paul Muscat, pp. 362, £24, ISBN

978-1-5104-1451-8, Hodder Education (2018). *The Mathematical Gazette*, 107(568):177, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/ocr-a-level-further-mathematics-mechanics-a-by-jeanpaul-muscat-pp-362-24-isbn-9781510414518-hodder-education-2018/42ADB3B37C6D9FB629C1A0DF49759003.

**Leversha:2023:BRObb**

[Lev23c] Gerry Leversha. Book review: *OCR A level Further Mathematics Statistics (A)* by Jean-Paul Muscat, pp. 362, £24, ISBN 978-1-5104-1451-8, Hodder Education (2018). *The Mathematical Gazette*, 107(568):178–179, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/ocr-a-level-further-mathematics-statistics-a-by-jeanpaul-muscat-pp-362-24-isbn-9781510414518-hodder-education-2018/AE05BFAA331888C550FC081CF3C4A53D.

**Leversha:2023:BRB**

[Lev23d] Gerry Leversha. Book review: *The best writing on mathematics 2021* by Mircea Pitici (ed.), pp. 288, £20.00, ISBN 978-0-691-22570-8, Princeton University Press (2022). *The Mathematical Gazette*, 107(570):570–571, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/best-writing-on-mathematics-2021-by-mircea-piticied-pp-288-2000-isbn-978-0691225708-princeton-university-press-2022/9B49E1F4B7BD76F9E4968007ADC437A6.

**Leversha:2024:BRP**

[Lev24] Gerry Leversha. Book review: *The polyhedrists: art and geometry in the long sixteenth century* by Noam Andrews, pp. 300, $44.95, ISBN 978-0-262-04664-0, MIT Press (2022). *The Mathematical Gazette*, 108(571):175, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/polyhedrists-art-and-geometry-in-the-long-sixteenth-century-by-noam-andrews-pp-300-4495-isbn-9780262046640-mit-press-2022/A0C1DEFDCF637318F53213F70653A0CF.

**Lund-Hansen:2022:CAD**

[LH22] Lars Lund-Hansen. On 'Correct answer — dodgy method'. *The Mathematical Gazette*, 106(566):350–351, July 2022. CO-

DEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-correct-answer-dodgy-method/53B0C1C96BF5EABDCEA5FF72BE56702B.

**Ligo:2023:GII**

[Lig23] Richard G. Ligo. 107.07 A geometric illustration for infinite sequences and series. *The Mathematical Gazette*, 107(568): 140–144, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10707-a-geometric-illustration-for-infinite-sequences-and-series/9451B22CACC32BFF193858C89E8CE8EA.

**Lord:2024:IMC**

[LM24] Nick Lord and Des MacHale. Infinitely many composites. *The Mathematical Gazette*, 108(571):20–26, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/infinitely-many-composites/A522BC5767166463A1B00FECE6B68BD4.

**Levrie:2022:CII**

[LN22a] Paul Levrie and Amrik Singh Nimbran. 106.21 A class of interesting integrals. *The Mathematical Gazette*, 106(566):323–325, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10621-a-class-of-interesting-integrals/A594E61557E9565D664CF8E6F3EDB89B.

**Lucas:2022:MSF**

[LN22b] Stephen K. Lucas and Amrik Singh Nimbran. Monotonic series for fractions near $\pi$ and their convergents. *The Mathematical Gazette*, 106(566):300–309, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/monotonic-series-for-fractions-near-and-their-convergents/73CAD6F4E882A4643E7C626066EA5891.

**Lord:2020:NNG**

[Lor20a] Ems Lord. Nurturing the next generation of mathematicians: the case for mathematical fluency. *The Mathematical Gazette*, 104(561):385–394, November 2020. CODEN MAGAAS.

ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/nurturing-the-next-generation-of-mathematicians-the-case-for-mathematical-fluency/40BEE6C0E8B7A9B4297DBE7C402A0175.

**Lord:2020:BRC**

[Lor20b] Nick Lord. Book review: *Complex analysis* by Ian Stewart and David Tall (2nd edn.), pp. 389, £29.99 (paper), ISBN 978-1-108-43679-3, Cambridge University Press (2018). *The Mathematical Gazette*, 104(559):187–189, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/complex-analysis-by-ian-stewart-and-david-tall-2nd-edn-pp-389-2999-paper-isbn-9781108436793-cambridge-university-press-2018/3E5D7FBF161D1B8086D5BE2723854561.

**Lord:2020:PCa**

[Lor20c] Nick Lord. Problem corner. *The Mathematical Gazette*, 104(559):176–183, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/problem-corner/D96C4A53746F05B976172B71A5BA89B2.

**Lord:2020:PCb**

[Lor20d] Nick Lord. Problem corner. *The Mathematical Gazette*, 104(560):353–358, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/problem-corner/96940A86EFBFAB06649EE453B5E02815.

**Lord:2021:RRM**

[Lor21a] Nick Lord. 105.35 Reconciling remainders in Maclaurin expansions. *The Mathematical Gazette*, 105(563):334–338, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10535-reconciling-remainders-in-maclaurin-expansions/054912B55DA7D34FCB75E8C643790016.

**Lord:2021:NEA**

[Lor21b] Nick Lord. 105.36 New error analyses for some old mensuration formulae. *The Mathematical Gazette*, 105(563): 339–343, July 2021. CODEN MAGAAS. ISSN 0025-5572

(print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10536-new-error-analyses-for-some-old-mensuration-formulae/74563C94C5272EF73FEF5B723C86F987.

**Lord:2021:BRV**

[Lor21c] Nick Lord. Book review: *99 variations on a proof* by Philip Ording, pp. 260, £20 (hard), ISBN 978-0-691-15883-9, Princeton University Press (2019). *The Mathematical Gazette*, 105(562):188–189, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/99-variations-on-a-proof-by-philip-ording-pp-260-20-hard-isbn-9780691158839-princeton-university-press-2019/BFA699B940677402AA1D6C53441C6142.

**Lord:2021:SNS**

[Lor21d] Nick Lord. A small note on small angle approximations. *The Mathematical Gazette*, 105(562):159–161, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/small-note-on-small-angle-approximations/A0B87CEE7B1731AEF1D51CFBDE384877.

**Lord:2022:SOI**

[Lor22a] Nick Lord. 106.19 Some observations on inequalities related to Huygens' inequality. *The Mathematical Gazette*, 106(566): 316–318, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10619-some-observations-on-inequalities-related-to-huygens-inequality/9EF131A4FE51C5E16D546530BDCC667B.

**Lord:2022:NPP**

[Lor22b] Nick Lord. 106.26 The nested polygons problem revisited. *The Mathematical Gazette*, 106(566):335–338, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10626-the-nested-polygons-problem-revisited/A401A0D1D8B66FA7F966607DB4849C90.

**Lord:2022:BRC**

[Lor22c] Nick Lord. Book review: *Calculus for cranks* by Nets Hawk Katz, pp. 251, £20 (paper), ISBN 978-0-30024- 279-9, Yale

University Press (2021). *The Mathematical Gazette*, 106 (567):569–570, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/calculus-for-cranks-by-nets-hawk-katz-pp-251-20-paper-isbn-978030024-2799-yale-university-press-2021/C7133A3A7D373D619B442DEBFBAC65D9.

**Lord:2022:BRI**

[Lor22d] Nick Lord. Book review: *Introduction to complex variables and applications* by Mark J. Ablowitz and Athanassios S. Fokas, pp. 420, £39.99 (paper), ISBN 978-1-10895-972-8, Cambridge University Press (2021). *The Mathematical Gazette*, 106(567):570–572, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/introduction-to-complex-variables-and-applications-by-mark-j-ablowitz-and-athanassios-s-fokas-pp-420-3999-paper-isbn-9781108959728-cambridge-university-press-2021/2B57F3DB706AEABEDF974FB42A8E51DE.

**Lord:2022:BRW**

[Lor22e] Nick Lord. Book review: *Where do numbers come from?* by T. W. Körner, pp. 260, £24.99 (paper), ISBN 978-1-108-73838-5, Cambridge University Press (2020). *The Mathematical Gazette*, 106(565):188–189, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/where-do-numbers-come-from-by-tw-korner-pp-260-2499-paper-isbn-9781108738385-cambridge-university-press-2020/AD8727E7600C1E1979C9F98214A67E17.

**Lord:2022:FSI**

[Lor22f] Nick Lord. The full story of invariant lines. *The Mathematical Gazette*, 106(567):547–548, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/full-story-of-invariant-lines/2A46A6F8AAA57E00DC4DA6DBA75686BE.

**Lord:2022:HIC**

[Lor22g] Nick Lord. How to impress a chemist (again!). *The Mathematical Gazette*, 106(565):149–150, March 2022. CODEN MAGAAS.

ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/how-to-impress-a-chemist-again/97B1CC0C126D7B5A6BD3CEC50F7B7ADC.

**Lord:2022:QSE**

[Lor22h] Nick Lord. A quick simultaneous evaluation of $\sum k^3$ and $\sum k^2$. *The Mathematical Gazette*, 106(565):149, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/quick-simultaneous-evaluation-of-k3-and-k2/11CBA304F15CB14E6FECABB8515260DC.

**Lord:2022:TUO**

[Lor22i] Nick Lord. Two unusual optimisation problems. *The Mathematical Gazette*, 106(565):151–154, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/two-unusual-optimisation-problems/8C7C4F081339CADA0306E7090D8784E9.

**Lord:2023:IES**

[Lor23a] Nick Lord. 107.08 An interesting equivalent of squaring the circle. *The Mathematical Gazette*, 107(568):144–145, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10708-an-interesting-equivalent-of-squaring-the-circle/44DBDE50FA7CF6D9F32604091A52AADF.

**Lord:2023:TCR**

[Lor23b] Nick Lord. 107.17 Two curios related to lattice polygons. *The Mathematical Gazette*, 107(569):307–312, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10717-two-curios-related-to-lattice-polygons/D443B0551BD31BBB42792DEED5A61ED1.

**Lord:2023:TVA**

[Lor23c] Nick Lord. 107.18 A two-variable approach to some standard optimisation problems. *The Mathematical Gazette*, 107(569):312–316, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10718-a-twovariable-approach-to-some-standard-optimisation-problems/01CE045F7E47B2D27284355D609CF5DB.

**Lord:2023:BRC**

[Lor23d] Nick Lord. Book review: *A course in complex analysis* by Saeed Zakeri, pp. 428, £50 (hard), ISBN 978-0-691- 20758-2, Princeton University Press (2021). *The Mathematical Gazette*, 107(570):566–567, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/course-in-complex-analysis-by-saeed-zakeri-pp-428-50-hard-isbn-9780691-207582-princeton-university-press-2021/1CB457707667ED5D905C55A2C7EC497C.

**Lord:2023:BRA**

[Lor23e] Nick Lord. Book review: *Algebra and geometry, an introduction to university mathematics* (second edition) by Mark V. Lawson, pp. 424, £49.99 (paper), ISBN 978-0-367-56303-5, CRC/Taylor and Francis (2021). *The Mathematical Gazette*, 107(569):368–369, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/algebra-and-geometry-an-introduction-to-university-mathematics-second-edition-by-mark-v-lawson-pp-424-4999-paper-isbn-9780367563035-crctaylor-and-francis-2021/622D65C9FA1DCFAF5EADB1499B3A4B67.

**Lord:2023:OFA**

[Lor23f] Nick Lord. An odd fact about Cayley tables. *The Mathematical Gazette*, 107(570):543–544, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/an-odd-fact-about-cayley-tables/DA1A910D2F7168179C94A8612085BA29.

**Lord:2023:Xa**

[Lor23g] Nick Lord. On 107.03. *The Mathematical Gazette*, 107(570):548, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-10703/7AF2C02C48AA417C69754229EDD3667B.

**Lord:2023:Xb**

[Lor23h] Nick Lord. On 107.09. *The Mathematical Gazette*, 107 (570):548–549, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://

www.cambridge.org/core/journals/mathematical-gazette/article/on-10709/90A58D96D03F48B04C9B5F2FF6A46C07.

**Lord:2023:FJ**

[Lor23i] Nick Lord. On feedback for July 2022. *The Mathematical Gazette*, 107(569):356, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-feedback-for-july-2022/9A4A7899049054A37CD7995181724841.

**Lord:2023:PCa**

[Lor23j] Nick Lord. Problem corner. *The Mathematical Gazette*, 107(568):166–173, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/problem-corner/631B62DE05E7190903681A064478F646.

**Lord:2023:PCb**

[Lor23k] Nick Lord. Problem corner. *The Mathematical Gazette*, 107(569):359–364, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/problem-corner/8549C2691BE7D6572B502052C804B838.

**Lord:2023:WDG**

[Lor23l] Nick Lord. When does $(1/4)(a + b + c + d)$ give the centre of mass of a quadrilateral? *The Mathematical Gazette*, 107(568):162–163, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/when-does-give-the-centre-of-mass-of-a-quadrilateral/DD48E695DFC524FAC5DDF3A76B88E53E.

**Lord:2024:OLP**

[Lor24a] Nick Lord. 108.18 A one-line proof of the Finsler–Hadwiger inequality. *The Mathematical Gazette*, 108(571):158–160, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10818-a-oneline-proof-of-the-finslerhadwiger-inequality/A306441207B1B51F1A9C5DEFDD225F02.

**Lord:2024:AAG**

[Lor24b] Nick Lord. Another appearance of the golden ratio. *The Mathematical Gazette*, 108(571):163–165, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/another-appearance-of-the-golden-ratio/C766E0E135D0D589B1FE9B88A6F29036`.

**Lord:2024:BRC**

[Lor24c] Nick Lord. Book review: *Comic sections plus* by Des MacHale, pp. 264, £15.67 (paper), ISBN 978-1-4717-6147-8 Logic Press (2022). *The Mathematical Gazette*, 108(571): 190–191, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/comic-sections-plus-by-des-machale-pp-264-1567-paper-isbn-9781471761478-logic-press-2022/B8640CEC4C61405F93FF397C90E50BB7`.

**Lord:2024:CTA**

[Lor24d] Nick Lord. A cautionary tale about the pole of polar coordinates. *The Mathematical Gazette*, 108(571):162–163, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/cautionary-tale-about-the-pole-of-polar-coordinates/E52980E889872B9109FDCB0AE2F2E2CD`.

**Lord:2024:DAB**

[Lor24e] Nick Lord. The Devil's Advocate and the binomial expansion. *The Mathematical Gazette*, 108(571):161–162, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/devils-advocate-and-the-binomial-expansion/58A96A0A528396B88BC15C756219FC86`.

**Lord:2021:GHA**

[LR21] Nick Lord and Jenny Ramsden. Graham Hoare: an appreciation. *The Mathematical Gazette*, 105(563):356–357, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/graham-hoare-an-appreciation/9269F0D938142FDF45089E7F21CDA6BB`.

**Lukarevski:2021:BD**

[LS21] Martin Lukarevski and J. A. Scott. 105.31 On the Brocard disc. *The Mathematical Gazette*, 105(563):327–328, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10531-on-the-brocard-disc/186B296371623743B04B3C944B5B2B59.

**Lukarevski:2022:TDI**

[LS22] Martin Lukarevski and J. A. Scott. 106.25 Three discs for the incentre. *The Mathematical Gazette*, 106(566):332–335, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10625-three-discs-for-the-incentre/74F4D84CC05E2930C0117D422144619D.

**Liao:2023:RGC**

[LSS23] Hsin-Chieh Liao, Mark Saul, and Peter J.-S Shiue. Revisiting the general cubic: a simplification of Cardano's solution. *The Mathematical Gazette*, 107(570):438–444, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/revisiting-the-general-cubic-a-simplification-of-cardanos-solution/7D6BD635E7D6FCE7B11FB9BE09EC03F7.

**Lucas:2024:MTD**

[Luc24] T. N. Lucas. 108.07 De Moivre's theorem via difference equations. *The Mathematical Gazette*, 108(571):136–140, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10807-de-moivres-theorem-via-difference-equations/F3546BA590C4B840B51286E81B8F885F.

**Lukarevski:2020:IAE**

[Luk20a] Martin Lukarevski. 104.07 An inequality for the altitudes of the excentral triangle. *The Mathematical Gazette*, 104(559):161–164, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10407-an-inequality-for-the-altitudes-of-the-excentral-triangle/FCD13CE98CB0FB59C91AD04AA632DF1E.

**Lukarevski:2020:CTF**

[Luk20b] Martin Lukarevski. 104.21 The circummidarc triangle and the Finsler–Hadwiger inequality. *The Mathematical Gazette*, 104 (560):335–338, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10421-the-circummidarc-triangle-and-the-finslerhadwiger-inequality/7B25169B1C62D038A9A87A3205B78111.

**Lukarevski:2021:PII**

[Luk21a] Martin Lukarevski. 105.13 Proximity of the incentre to the inarc centres. *The Mathematical Gazette*, 105(562):142–147, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10513-proximity-of-the-incentre-to-the-inarc-centres/FBF2F3BF7A64B85E4E4AAD9236C77654

**Lukarevski:2021:X**

[Luk21b] Martin Lukarevski. On 105.13. *The Mathematical Gazette*, 105 (563):355, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-10513/7702211132127BC12ADB0B40AE5AF358.

**Lukarevski:2022:ERF**

[Luk22a] Martin Lukarevski. 106.14 Exarc radii and the Finsler–Hadwiger inequality. *The Mathematical Gazette*, 106(565): 138–143, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10614-exarc-radii-and-the-finslerhadwiger-inequality/4F8579EE9661D8CBA09BFE1B0335E0ED

**Lukarevski:2022:WMG**

[Luk22b] Martin Lukarevski. On 'What makes a good proof without words'. *The Mathematical Gazette*, 106(566):349, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-what-makes-a-good-proof-without-words/2F5A39C7198B0BF8D89C64F3FA214F8F.

**Lukarevski:2023:LIC**

[Luk23a] Martin Lukarevski. 107.23 Location of the inarc circle and its point of contact with the circumcircle. *The Mathemati-*

*cal Gazette*, 107(569):327–331, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10723-location-of-the-inarc-circle-and-its-point-of-contact-with-the-circumcircle/822F4AC72AB9753C912D9892AA8F137D.

**Lukarevski:2023:BRS**

[Luk23b] Martin Lukarevski. Book review: *Series and products in the development of mathematics* (second edition) by Ranjan Roy, Vol. 1 pp. 776, £69.99 (paperback), ISBN 978-1-108-70945-3; Vol. 2 pp. 476, £45.99 (paperback), ISBN 978-1-108-70937-8, Cambridge University Press (2021). *The Mathematical Gazette*, 107(569):373–376, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/series-and-products-in-the-development-of-mathematics-second-edition-by-ranjan-roy-vol-1-pp-776-6999-paperback-isbn-9781108709453-vol-2-pp-476-4599-paperback-isbn-9781108709378-cambridge-university-press-2021/F6DEACDFF3EA62D5103990D89309A03D.

**Lukarevski:2023:X**

[Luk23c] Martin Lukarevski. On 106.12. *The Mathematical Gazette*, 107(568):164–165, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-10612/6638417F7F43AA72501E3001A4849745.

**Lukarevski:2023:WIR**

[Luk23d] Martin Lukarevski. Wolstenholme's inequality and its relation to the Barrow and Garfunkel–Bankoff inequalities. *The Mathematical Gazette*, 107(568):70–75, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/wolstenholmes-inequality-and-its-relation-to-the-barrow-and-garfunkelbankoff-inequalities/809CCB99431AF6E0973EF53D306A035F.

**Lukarevski:2024:PWT**

[Luk24a] Martin Lukarevski. 108.10 Proof without words: $\tan(\pi/12) = 2 - \sqrt{3}$, $\tan(5\pi/12) = 2 + \sqrt{3}$. *The Mathematical Gazette*, 108 (571):143–144, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10810-

proof-without-words-rmtan-piover-rm12rm2-sqrt-3-rm-tan-rm5pi-over-rm12rm2-sqrt-rm3/6D49104D14BA2482BF4B44FB8E8AA649.

**Lukarevski:2024:BRT**

[Luk24b] Martin Lukarevski. Book review: *Theory of infinite sequences and series* by Ludmila Bourchtein and Andrei Bourchtein, pp. 377, £54.99, (paper), ISBN 978-3-030-79430-9, Springer Verlag (2022). *The Mathematical Gazette*, 108(571):182–183, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/theory-of-infinite-sequences-and-series-by-ludmila-bourchteinand-andrei-bourchtein-pp-377-5499-paper-isbn-9783030794309-springer-verlag-2022/468EA80413165396B0AEB899A6CAA1A9.

**MacGregor:2020:BRA**

[Mac20] P. MacGregor. Book review: *Applied linear algebra and matrix analysis* (2nd edn.) by Thomas S. Shores, pp. 479, £59.99 (hard), ISBN 978-3-319-74747-7, also available as e-book, Springer Verlag (2018). *The Mathematical Gazette*, 104(560):376, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/applied-linear-algebra-and-matrix-analysis-2nd-edn-by-thomas-s-shores-pp-479-5999-hard-isbn-9783319747477-also-available-as-ebook-springer-verlag-2018/9C7CEE60E38A78299ADDB5250D8A7822.

**MacHale:2021:SER**

[Mac21a] Des MacHale. 105.16 Some elementary results in number theory. *The Mathematical Gazette*, 105(563):282–285, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10516-some-elementary-results-in-number-theory/558C392C89C924A8DE9C95110E4B622A.

**MacHale:2021:GM**

[Mac21b] Des MacHale. 105.29 A geometric memory. *The Mathematical Gazette*, 105(563):318–323, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10529-a-geometric-memory/BC8105BE11725C6033473C56466A7C2D.

**MacHale:2021:CAD**

[Mac21c] Des MacHale. Correct answer — dodgy method. *The Mathematical Gazette*, 105(564):507–510, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/correct-answer-dodgy-method/D3681D2A91E5B227CAFB433F50408608`.

**MacHale:2021:VNI**

[Mac21d] Des MacHale. Verifying non-isomorphism of groups. *The Mathematical Gazette*, 105(564):467–473, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/verifying-nonisomorphism-of-groups/E7B4791E90B036C88482467226A6`

**MacHale:2022:DAS**

[Mac22] Des MacHale. Dissecting attached squares. *The Mathematical Gazette*, 106(566):258–268, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/dissecting-attached-squares/5B1C3CE7F6B35E8A50B081B055C25E43`.

**MacGregor:2023:BRD**

[Mac23a] P. G. MacGregor. Book review: *The discrete mathematical charms of Paul Erdős* by Vasek Chvátal, pp 248, £22.99 (paper), ISBN 978-1-108-92740-6, Cambridge University Press (2021). *The Mathematical Gazette*, 107(569):382–383, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/discrete-mathematical-charms-of-paul-erdos-by-vasek-chvatal-pp-248-2299-paper-isbn-9781108927406-cambridge-university-press-2021/F872B26F82E04945243A9527DB1F51F3`.

**MacGregor:2023:BRP**

[Mac23b] Peter MacGregor. Book reviews: *A prelude to quantum field theory* by John Donoghue and Lorenzo Sorbo, pp. 160, £25 (paper), ISBN 978-0-691-22348-3, Princeton University Press (2022) — *What is a quantum field theory? - a first introduction for mathematicians* by Michel Talagrand, pp. 741, £69.99 (hard), ISBN 978-1-316-51027-8, Cambridge University Press (2022). *The Mathematical Gazette*, 107 (570):573–575, November 2023. CODEN MAGAAS. ISSN

0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/prelude-to-quantum-field-theory-by-john-donoghue-and-lorenzo-sorbo-pp-160-25-paper-isbn-9780691223483-princeton-university-press-2022-what-is-a-quantum-field-theory-a-first-introduction-for-mathematicians-by-michel-talagrand-pp-741-6999-hard-isbn-9781316510278-cambridge-university-press-2022/E9BE6A264038962C3575D219276B23BD.

**MacHale:2023:X**

[Mac23c] Des MacHale. $2 + 2 = 5$. *The Mathematical Gazette*, 107 (568):164, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/2-2-5/AD65C675ED23269B11C4906989421603.

**MacGregor:2024:BRC**

[Mac24] P. MacGregor. Book review: *Change and variations, a history of differential equations to 1900* by Jeremy Gray, pp. 261, £29.99, (hard), ISBN 978-3-030-70574-9, Springer Verlag (2021). *The Mathematical Gazette*, 108(571):176–177, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/change-and-variations-a-history-of-differential-equations-to-1900-by-jeremy-gray-pp-261-2999-hard-isbn-9783030705749-springer-verlag-2021/2FBA99A7F8712E3DA395E1D1F8E2DE74.

**Mahony:2020:EVS**

[Mah20] John D. Mahony. 104.29 On the evaluation of a very specific integral. *The Mathematical Gazette*, 104(561):518–519, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10429-on-the-evaluation-of-a-very-specific-integral/9CA2B20716CC5C7AF7BADBE8DDDBDEDA.

**Mahony:2021:SMA**

[Mah21a] John Mahony. Some mathematical appreciations in the physical sciences. *The Mathematical Gazette*, 105(562):4–15, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/some-mathematical-appreciations-in-the-physical-sciences/694A3A17F4D65B085F6BCADFA374E280.

**Mahony:2021:PB**

[Mah21b] John D. Mahony. 105.37 A potter's brief. *The Mathematical Gazette*, 105(563):343–348, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10537-a-potters-brief/00DC253E1B5163DC826024B46D949D9A.

**Mahony:2021:DQT**

[Mah21c] John D. Mahony. Developing quadrature themes. *The Mathematical Gazette*, 105(564):458–466, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/developing-quadrature-themes/160983DFE86E681CACAD19E64CEE8F1F.

**Mahony:2022:C**

[Mah22a] John D. Mahony. Correspondence. *The Mathematical Gazette*, 106(565):155, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/correspondence/9CDD49FE0FB1CD608F00EF6137142203.

**Mahony:2022:MAP**

[Mah22b] John D. Mahony. A mathematical approximation in the physical sciences. *The Mathematical Gazette*, 106(566):220–232, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mathematical-approximation-in-the-physical-sciences/C3B6CA5FD44DC31A58F209EB980F6FAA.

**Mala:2022:BRA**

[Mal22] Firdous Ahmad Mala. Book review: *Africa and mathematics: from colonial findings back to the Ishango Rods* by Dirk Huylebrouck, pp. 229, £27.99 (hardback), ISBN 978-3-030-04036-9 Springer Verlag (2019). *The Mathematical Gazette*, 106(566):370–371, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/africa-and-mathematics-from-colonial-findings-back-to-the-ishango-rods-by-dirk-huylebrouck-pp-229-2799-hardback-isbn-9783030040369-springer-verlag-2019/8311A5C5E0F9CDC0C5EA15BCB6977C41.

**Markov:2022:TSP**

[Mar22] Lubomir Markov. Two short proofs of the formula $\sum_{n=0}^{\infty} \frac{1}{(2n+1)^2} = \frac{\pi^2}{8}$. *The Mathematical Gazette*, 106(565):28–31, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/two-short-proofs-of-the-formula-sumlimitsn-0infty-1-over-2n-12-pi-2-over-8/19A3C95629C55C5BAE764DA40FDE`

**McBride:2021:PMN**

[MC21] Adam McBride and Barbara Cullingworth. Peter Michael Neumann OBE: (28 December 1940–18 December 2020). *The Mathematical Gazette*, 105(562):1–3, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/peter-michael-neumann-obe/4CEE751AE81731197FCEB1EB96FC30C7`.

**McBride:2021:TTS**

[McB21] Adam McBride. 105.17 A tale of two sixes. *The Mathematical Gazette*, 105(563):285–290, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10517-a-tale-of-two-sixes/CC99078EA11C7E6BFB26055B624C817E`.

**McLean:2020:WS**

[McL20] K. Robin McLean. What is the significance of $b^2 = \frac{1}{2}\left(3+\sqrt{5}\right)ac$. *The Mathematical Gazette*, 104(559):107–115, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/what-is-the-significance-of-b2-frac12left-3-sqrt-5-rightac/290A93ED64C3AACC29AAABBE758B792D`.

**Melman:2021:PNR**

[Mel21] Aaron Melman. 105.04 Polynomials with no real zeros. *The Mathematical Gazette*, 105(562):117–120, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10504-polynomials-with-no-real-zeros/EF820828887AD53825571642B9BE2AE0`.

**Mercer:2023:ECS**

[Mer23] Peter R. Mercer. 107.20 Euler's constant and the speed of convergence. *The Mathematical Gazette*, 107(569):320–

323, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10720-eulers-constant-and-the-speed-of-convergence/9B5F9810114F8C9AF0A40F7BFCC679E0.

**Mestrovic:2023:NIP**

[Mes23] Romeo Mestrović. 107.32 A new inductive proof of the AM–GM inequality. *The Mathematical Gazette*, 107(570):497–499, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10732-a-new-inductive-proof-of-the-am-gm-inequality/05ABEFD2218BF948BCC57F1BBDB40BF6.

**Meyer:2020:EWB**

[Mey20] Joerg Meyer. An easy way to Brahmagupta's formula for the area of a cyclic quadrilateral. *The Mathematical Gazette*, 104(559):174–175, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/an-easy-way-to-brahmaguptas-formula-for-the-area-of-a-cyclic-quadrilateral/8623C6553B394ED271CE3D63BD96F169.

**Moreno:2020:ID**

[MGC20] Samuel G. Moreno and Esther M. García-Caballero. 104.01 Irrationality of $\sqrt{2}$ with determinants. *The Mathematical Gazette*, 104(559):143–146, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10401-irrationality-of-sqrt-2-with-determinants/397CE6DE02738D48FE46C7D9D08428F7.

**Majumdar:2023:FDE**

[MS23] Dipramit Majumdar and B. Sury. 107.15 Fruit diophantine equation. *The Mathematical Gazette*, 107(569):302–306, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10715-fruit-diophantine-equation/0E52021D65DC7DC91F666AECF8F718A9.

**Mukherjee:2023:GTR**

[Muk23] Rajib Mukherjee. 107.04 A geometric telescope revisited. *The Mathematical Gazette*, 107(568):128–130, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL

https://www.cambridge.org/core/journals/mathematical-gazette/article/10704-a-geometric-telescope-revisited/85316751AD1D6B9DC7DF404529D7959C.

**Munkhammar:2020:RZF**

[Mun20] Joakim Munkhammar. 104.32 The Riemann zeta function as a sum of geometric series. *The Mathematical Gazette*, 104 (561):527–530, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10432-the-riemann-zeta-function-as-a-sum-of-geometric-series/D7C4EFAA90E409FB542712C041453639.

**Missa:2022:AFC**

[MY22a] Abdel Missa and Chrif Youssfi. An alternative formula for the cubic equation. *The Mathematical Gazette*, 106 (567):474–479, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/an-alternative-formula-for-the-cubic-equation/97633DB5BE051C9FF60177C1A454F15A.

**Missa:2022:NMS**

[MY22b] Abdel Missa and Chrif Youssfi. A novel method to solve the quartic equation. *The Mathematical Gazette*, 106(567):480–486, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/novel-method-to-solve-the-quartic-equation/9DB7A0415E71EAA955BB6E4F19DD7C5A.

**Nakata:2022:CEP**

[Nak22] Toshio Nakata. Characterisation of equalisation problems via random walks. *The Mathematical Gazette*, 106(565):61–67, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/characterisation-of-equalisation-problems-via-random-walks/792EF12A09071278DF8C2D6504F0B9E7.

**Narlikar:2020:BT**

[Nar20] Jayant V. Narlikar. 104.18 Beetham's triangle. *The Mathematical Gazette*, 104(560):327–330, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10418-beethams-triangle/E0C77403B0CE4BE670B72DB131C324D2.

**Nathanson:2021:HSC**

[Nat21] Melvyn B. Nathanson. 105.06 The Hermite–Sylvester criterion for real-rooted polynomials. *The Mathematical Gazette*, 105 (562):122–125, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10506-the-hermitesylvester-criterion-for-realrooted-polynomials/7F5C5395F235F18A21A6816C0A78799C`.

**Nathanson:2022:RRP**

[Nat22] Melvyn B. Nathanson. 106.03 real-rooted polynomials and a generalised Hermite–Sylvester theorem. *The Mathematical Gazette*, 106(565):120–124, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10603-realrooted-polynomials-and-a-generalised-hermitesylvester-theorem/E149E1809654C5E0EA8FCD4AD9D0E2CF`.

**Nichols:2020:CSV**

[Nic20a] Owen Nichols. 104.11 The curious story of a very old puzzle. *The Mathematical Gazette*, 104(559):171–173, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10411-the-curious-story-of-a-very-old-puzzle/A62A10382697F2FE2768E2DFF8CBC6F4`.

**Nickalls:2020:CC**

[Nic20b] R. W. D. Nickalls. 104.04 The complementary cubic. *The Mathematical Gazette*, 104(559):155–158, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10404-the-complementary-cubic/0EA86B611918DC72B81BE6F2C08D96CA`.

**Nickalls:2021:SPR**

[Nic21] R. W. D. Nickalls. On the structure of polynomial roots. *The Mathematical Gazette*, 105(563):253–262, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/on-the-structure-of-polynomial-roots/34793671C17FA38994797585EAAE1960`.

**Niel:2021:RAT**

[Nie21] Blanca Isabel Niel. 105.10 Right-angled triangles link circular and hyperbolic functions. *The Mathematical Gazette*, 105(562): 134–135, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10510-rightangled-triangles-link-circular-and-hyperbolic-functions/9A26F039234E28A84F74F65CC149D0FD`.

**Nimbran:2022:EEM**

[Nim22] Amrik Singh Nimbran. Evolution of the Euler–Maclaurin sum formula. *The Mathematical Gazette*, 106(567):443–457, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/evolution-of-the-eulermaclaurin-sum-formula/656A224808B2D98C05D818FE6B8BEBBE`.

**Nadarajah:2022:TIF**

[NO22] Saralees Nadarajah and Idika E. Okorie. On the tail integral formulae for real-valued random variables. *The Mathematical Gazette*, 106(567):487–493, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/on-the-tail-integral-formulae-for-realvalued-random-variables/D4449FA5D3CFB01380413B8B27ECE946`.

**Northshield:2020:TC**

[Nor20] S. Northshield. Tropical cycles. *The Mathematical Gazette*, 104(560):225–234, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/tropical-cycles/03198208E593E69B1EF99C7A916DA199`.

**Nowicki:2020:SFE**

[Now20] Andrzej Nowicki. 104.05 Some finite extensions of the rational numbers. *The Mathematical Gazette*, 104(559):159–160, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10405-some-finite-extensions-of-the-rational-numbers/C927F3485AC588CA50D8C11C5D09A280`

**Nurkanovic:2023:CII**

[NT23] Mehmed Nurkanović and Mirsad Trumić. Computing indefinite integrals by difference equations. *The Mathematical Gazette*, 107(570):474–487, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/computing-indefinite-integrals-by-difference-equations/B94F66E58B0887169D737DD435141EDE.

**Ohyama:2020:ECS**

[Ohy20] Hiroshi Ohyama. 104.28 Extending Cardano's solution of the cubic. *The Mathematical Gazette*, 104(561):511–517, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10428-extending-cardanos-solution-of-the-cubic/66E61A3E301939FAF57B488B31D65F93.

**Ohyama:2022:ISQ**

[Ohy22] Hiroshi Ohyama. 106.18 Impossibility of solving the quintic using Cardano's solution. *The Mathematical Gazette*, 106(566): 312–315, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10618-impossibility-of-solving-the-quintic-using-cardanos-solution/3F766AF12394298A0E58CEF5D1E69E49.

**Ohyama:2023:FSQ**

[OI23] Hiroshi Ohyama and Koichiro Ike. 107.05 The final solution of a quasi-palindromic. *The Mathematical Gazette*, 107(568):130–136, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10705-the-final-solution-of-a-quasipalindromic/CAEB89E3625ACD2170599347345C5C5E.

**Okumura:2023:EPW**

[Oku23] Hiroshi Okumura. 107.39 Enomoto's problem in Wasan geometry. *The Mathematical Gazette*, 107(570):514–516, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10739-enomotos-problem-in-wasan-geometry/9A8AEA04FBEFE4457140FEC94B3C6BB3.

**Ortega:2020:API**

[Ort20] Ryan N. Ortega. An alternative proof of the integral of a logarithm. *The Mathematical Gazette*, 104(560):344–345, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/an-alternative-proof-of-the-integral-of-a-logarithm/B2485AC521E240D5A35B71F4B9B6C0CB.

**Oxman:2022:PTI**

[OS22] Victor Oxman and Moshe Stupel. 106.10 PWW: Trigonometric inequality. *The Mathematical Gazette*, 106(565):134, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10610-pww-trigonometric-inequality/8FDA126A602AB85DE83C1CF7E5033C1D.

**Oxman:2023:DTE**

[OS23] Victor Oxman and Moshe Stupel. 107.14 Does a trapezium exist whose side lengths form a geometric progression? *The Mathematical Gazette*, 107(569):301–302, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10714-does-a-trapezium-exist-whose-side-lengths-form-a-geometric-progression/74AD75F27B1A112A2269F7BFEA7971B0.

**Ottewill:2024:RCD**

[Ott24] Chris Ottewill. The role of convexity in defining regular polyhedra. *The Mathematical Gazette*, 108(571):61–68, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/role-of-convexity-in-defining-regular-polyhedra/F3145ADEB5184226F0F8536158A95FA3.

**Paseau:2021:WTN**

[Pas21] A. C. Paseau. Why are there no infinite left-sided decimal expansions? *The Mathematical Gazette*, 105(562):78–86, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/why-are-there-no-infinite-leftsided-decimal-expansions/A54242E8EE69515FAEE3717CDA6872ED.

**Patil:2022:MCH**

[Pat22] Sammedkumar M. Patil. 106.36 A method to calculate the harmonic number and other related sums. *The Mathematical Gazette*, 106(567):506–508, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10636-a-method-to-calculate-the-harmonic-number-and-other-related-sums/007C98EC90661D02F859B332A9AA2CA2.

**Paul:2021:VSM**

[Pau21] Prabir Kumar Paul. Visually suggestive but mathematically incorrect. *The Mathematical Gazette*, 105(562):98–105, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/visually-suggestive-but-mathematically-incorrect/A712240F83CCBC8AD6EFDACA4C9412DC.

**Pellegrinetti:2022:ESP**

[PdV22] Dario Pellegrinetti and Michael de Villiers. An extension of the six-point circle theorem for a generalised Van Aubel configuration. *The Mathematical Gazette*, 106(567): 400–407, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/an-extension-of-the-sixpoint-circle-theorem-for-a-generalised-van-aubel-configuration/7A873D773AF6E60E2AA65C804FE486AB.

**Pellegrinetti:2022:SPB**

[Pel22] Dario Pellegrinetti. 106.11 On a synthetic proof of Bottema's theorem. *The Mathematical Gazette*, 106(565):135–136, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10611-on-a-synthetic-proof-of-bottemas-theorem/49CEBD5EB08BE68558301DE42DAF08E2.

**Plaza:2020:MZZ**

[Pla20a] Ángel Plaza. 104.14 More on zero-over-zero limits of special type. *The Mathematical Gazette*, 104(560):310–313, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10414-more-on-zerooverzero-limits-of-special-type/751B5E152686B0D627E473F733F1FE65.

**Plaza:2020:PWM**

[Pla20b] Ángel Plaza. 104.22 Proof without words: Minimum perimeter of an inscribed quadrangle to a square. *The Mathematical Gazette*, 104(560):338–339, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10422-proof-without-words-minimum-perimeter-of-an-inscribed-quadrangle-to-a-square/25FDB8C144816D437442396FD219D569`.

**Plaza:2022:FBP**

[Pla22a] Ángel Plaza. 106.07 A function-based proof of the harmonic mean — geometric mean — arithmetic mean inequalities. *The Mathematical Gazette*, 106(565):130–131, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10607-a-functionbased-proof-of-the-harmonic-mean-geometric-mean-arithmetic-mean-inequalities/61AA72E9B6B3A99B4A12F6C768665C`

**Plaza:2022:PWR**

[Pla22b] Ángel Plaza. 106.24 Proof without words: a Riemann sum. *The Mathematical Gazette*, 106(566):331, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10624-proof-without-words-a-riemann-sum/8774FD80B362B7E785C6DD29002E40FE`.

**Porteous:2022:C**

[Por22] Hugh Porteous. Correspondence. *The Mathematical Gazette*, 106(565):155–156, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/correspondence/5205156558C7B4A2A15514960EA452DB`.

**Phoopha:2023:DM**

[PPP23] Niphawan Phoopha, Prapanpong Pongsriiam, and Phakhinkon Napp Phunphayap. Digit maps. *The Mathematical Gazette*, 107 (568):35–43, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/digit-maps/38CE608D2E198D834ABD59E6D1B94F3A`.

**Pratoussevitch:2021:BRJ**

[Pra21] Anna Pratoussevitch. Book review: *The Joy of SET: the many mathematical dimensions of a seemingly simple card game* by Liz McMahon, Gary Gordon, Hannah Gordon and Rebecca Gordon, pp. 306, £16.99 (paper), ISBN 978-0-691-19232-1, Princeton University Press (2017). *The Mathematical Gazette*, 105(563):375–376, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/joy-of-set-the-many-mathematical-dimensions-of-a-seemingly-simple-card-game-by-liz-mcmahon-gary-gordon-hannah-gordon-and-rebecca-gordon-pp-306-1699-paper-isbn-9780691192321-princeton-university-press-2017/74C8C149ABC34789B946B0866ECA9545`.

**Pritchard:2022:FVP**

[Pri22] Chris Pritchard. Focus on the visual (the 2022 Presidential address). *The Mathematical Gazette*, 106(567):386–399, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/focus-on-the-visual-the-2022-presidential-address/8DADC55CCA549D9E8296B378839DC6D1`.

**Padmanabhan:2022:WDW**

[PS22a] R. Padmanabhan and Alok Shukla. 106.20 When do we have $1 + 1 = 11$ and $2 + 2 = 5$ ? *The Mathematical Gazette*, 106(566):319–323, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10620-when-do-we-have-1-1-11-and-2-2-5/B467F321C86FFB6F6C5CB4FB23E4F50F`.

**Prochno:2022:PWD**

[PS22b] Joscha Prochno and Michael Schmitz. A probabilistic way to discover the rainbow. *The Mathematical Gazette*, 106(565):103–115, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/probabilistic-way-to-discover-the-rainbow/D6F43C8D54EAF95A7BD01E959D3ACA91`.

**Read:2022:CIT**

[Rea22] Emrys Read. On the class of an integer triangle. *The Mathematical Gazette*, 106(566):291–299, July 2022. CODEN MA-

GAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-the-class-of-an-integer-triangle/F71A8F7D3DC50636296EC06D157E6073.

**Read:2023:ITI**

[Rea23] Emrys Read. Integer triangles with integer circumradii. *The Mathematical Gazette*, 107(569):241–248, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/integer-triangles-with-integer-circumradii/E4F578E83CC6D37207997C0644F193A4.

**Retkes:2023:X**

[Ret23] Zoltan Retkes. On 107.03. *The Mathematical Gazette*, 107(569):358, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-10703/25B4925002210D3CDD28610145650E2E.

**Richardson:2021:CIa**

[Ric21a] Bill Richardson. 1933 cumulative index. *The Mathematical Gazette*, 105(563):270, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/1933-cumulative-index/FA78FAA4A03CF0E60F76244A6BABA7C9.

**Richardson:2021:CIb**

[Ric21b] Bill Richardson. 1933 cumulative index. *The Mathematical Gazette*, 105(563):348, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/1933-cumulative-index/9DF2E3C6C686EC9BD7D1436361AAA987.

**Richardson:2024:C**

[Ric24] Bill Richardson. Correspondence. *The Mathematical Gazette*, 108(571):166, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/correspondence/210C8DEAB9FAA93CE421562D5B3877D4.

**Ridley:2021:CCG**

[Rid21a] J. N. Ridley. 105.14 Cubes, cones and the Gauss–Bonnet theorem. *The Mathematical Gazette*, 105(562):148–153, March 2021.

CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10514-cubes-cones-and-the-gaussbonnet-theorem/7878A70E595164170A3ABB21B39E3B26.

**Ridley:2021:RS**

[Rid21b] J. N. Ridley. Rectangles and spirals. *The Mathematical Gazette*, 105(564):416–424, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/rectangles-and-spirals/B8AC7D6DEB9D6EA77897DE2C26424367.

**Roberts:2020:SP**

[Rob20] Lewis Roberts. Student problems. *The Mathematical Gazette*, 104(559):184–186, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/student-problems/1E278F6E448F1C22FF5D4890F188884F.

**Roidos:2023:SF**

[Roi23] Nikolaos Roidos. 107.34 On a staircase function. *The Mathematical Gazette*, 107(570):501–503, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10734-on-a-staircase-function/B7AF4306CA541D651D74D3106B7A92E6.

**Rout:2020:BRA**

[Rou20a] Stephen Rout. Book review: *Algebraic inequalities* by Hayk Sedrakyan and Nairi Sedrakyan, pp. 243, £32.99 (hard), ISBN 978-3-319-77835-8, Springer Verlag (2018). *The Mathematical Gazette*, 104(560):373–374, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/algebraic-inequalities-by-hayk-sedrakyan-and-nairi-sedrakyan-pp-243-3299-hard-isbn-9783319778358-springer-verlag-2018/D26B49FFB8EDF087308A00CCC8D6B0EC.

**Rout:2020:BRS**

[Rou20b] Stephen Rout. Book review: *The stair-step approach in mathematics*, by Hayk Sedrakyan and Nairi Sedrakyan, pp. 530, £64.99 (hard), ISBN 978-3-319-70631-3, Springer Verlag (2018). *The Mathematical Gazette*, 104(560):376–378, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL

https://www.cambridge.org/core/journals/mathematical-gazette/article/stairstep-approach-in-mathematics-by-hayk-sedrakyan-and-nairi-sedrakyan-pp-530-6499-hard-isbn-9783319706313-springer-verlag-2018/CACBFE6738E7E7CBACD33EE65BC100E5.

**Rowland:2022:MNN**

[Row22] Tim Rowland. Mathematics in 'the news': number theory and number sense. *The Mathematical Gazette*, 106 (567):467–473, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mathematics-in-the-news-number-theory-and-number-sense/64ACD0312D5E69B4FCDB7E23E822BEB3.

**Ruane:2023:BRE**

[Rua23a] P. N. Ruane. Book review: *Emmy Noether — mathematician extraordinaire* by David E. Rowe, pp 339, £74.99 (paper), ISBN 978-3-030-63812-2, Springer Verlag (2021). *The Mathematical Gazette*, 107(570):559–560, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/emmy-noether-mathematician-extraordinaire-by-david-e-rowe-pp-339-7499-paper-isbn-9783030638122-springer-verlag-2021/41F996DAF5B78DD0B6892BAB6A7EAED3.

**Ruane:2023:BRD**

[Rua23b] P. N. Ruane. Book review: *The doctrine of triangles* by Glen Van Brummelen, pp. 376, £25 (hard), ISBN 978-0-69117-941-4, Princeton University Press (2021). *The Mathematical Gazette*, 107(568):186–188, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/doctrine-of-triangles-by-glen-van-brummelen-pp-376-25-hard-isbn-9780691179414-princeton-university-press-2021/69458FB978F8113DAB09B7C5198C4A80.

**Rossetto:2024:CRG**

[RV24] Silvano Rossetto and Giovanni Vincenzi. A characterisation of regular $n$-gons via (in)commensurability. *The Mathematical Gazette*, 108(571):43–52, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/

article/characterisation-of-regular-ngons-via-incommensurability/CE078BB48F9D21D7B767F41DB00213FA.

**Ryba:2020:JHC**

[Ryb20] Alex Ryba. John Horton Conway FRS: 26 December 1937–11 April 2020 : Honorary Member of The Mathematical Association 2017. *The Mathematical Gazette*, 104(561):395–402, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/john-horton-conway-frs/EACD432A66B76F7169A050CB7E1E166E.

**Rose:2021:PBC**

[RZ21] David Rose and Li Zhou. 105.33 A property of bifocal conics, illuminated by Ptolemy's theorem. *The Mathematical Gazette*, 105 (563):331–332, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10533-a-property-of-bifocal-conics-illuminated-by-ptolemys-theorem/6E5721E1DC33C4E945A0BCD4CA66380D.

**Stubbs:2020:PEL**

[SA20] John Stubbs and Jacob Adetunji. Paying for end of life care in the UK. *The Mathematical Gazette*, 104(561):495–506, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/paying-for-end-of-life-care-in-the-uk/52FCB05577108A7A5E2DBE3EA90C3FA3.

**Sa:2023:SPa**

[Sa23a] Tuya Sa. Student problems. *The Mathematical Gazette*, 107(568):174–176, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/student-problems/C269D1D70C8F6E1033327915A6DE71E6.

**Sa:2023:SPb**

[Sa23b] Tuya Sa. Student problems. *The Mathematical Gazette*, 107(569):365–367, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/student-problems/453233BF48E2BC460651249D382DCA5A.

**Sa:2023:SP**

[Sa23c] Tuya Sa. Student problems. *The Mathematical Gazette*, 107 (570):556–558, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/student-problems/CED2F6E033CA85CDFB529F68CC1AC55D`.

**Stubbs:2023:RFD**

[SA23d] John Stubbs and Jacob Adetunji. The repayment of financial debt: some mathematical considerations. *The Mathematical Gazette*, 107(569):204–217, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/repayment-of-financial-debt-some-mathematical-considerations/78FC37F52F78F323C1F8DD5448127A9D`.

**Sa:2024:SP**

[Sa24] Tuya Sa. Student problems. *The Mathematical Gazette*, 108(571):172–174, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/student-problems/DF07ADAA5B0EFD6737061EEC7AED069A`.

**Samtani:2023:CCC**

[Sam23] Sur Samtani. 107.02 Collatz conjecture: coalescing orbits and conditions on a minimum counterexample. *The Mathematical Gazette*, 107(568):123–126, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10702-collatz-conjecture-coalescing-orbits-and-conditions-on-a-minimum-counterexample/152EAADB9F3425F567F357CC1DC9B`

**Sangwin:2023:SFO**

[San23] Chris Sangwin. Sums of the first $n$ odd integers. *The Mathematical Gazette*, 107(568):10–24, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/sums-of-the-first-n-odd-integers/F5EF6F7261C11FF7793A543CB0CFC7E9`. See comment [Ste23b].

**Sangwin:2024:C**

[San24] Chris Sangwin. Correspondence. *The Mathematical Gazette*, 108(571):166, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/correspondence/A44084CD206A9977D2EFAA3696728A8C.

**Saouter:2020:NPS**

[Sao20] Yannick Saouter. New pancake series for $\pi$. *The Mathematical Gazette*, 104(560):296–303, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/new-pancake-series-for/4DE51EA2A1D97B4F9925FCA9F4AF1FF0.

**Sarp:2023:VCB**

[Sar23] Umit Sarp. Visualising connections between types of polygonal number. *The Mathematical Gazette*, 107(568):56–64, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/visualising-connections-between-types-of-polygonal-number/07657392E2E8E5F366726C6C45FCE007.

**Schilling:2020:BRC**

[Sch20] René L. Schilling. Book review: *Calculus of variations* by Filip Rindler, pp. 444, £39.99 (paper), ISBN 978-3-319-77636-1, also available as e-book, Springer Verlag (2018). *The Mathematical Gazette*, 104(559):191, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/calculus-of-variations-by-filip-rindler-pp-444-3999-paper-isbn-9783319776361-also-available-as-ebook-springer-verlag-2018/396EDE9306F55B43573A4BE132802555.

**Schilling:2021:BRM**

[Sch21a] René L. Schilling. Book review: *Mathematical constants II* by Steven R. Finch, pp. 769, £125 (hard), ISBN 978-1-10847-059-9, Cambridge University Press (2018). *The Mathematical Gazette*, 105(563):380–381, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mathematical-constants-ii-by-steven-r-finch-pp-769-125-hard-isbn-9781108470599-cambridge-university-press-2018/DAD50ED6F86CAEEBE24A2DFE0C9FD3D5.

**Schmitz:2021:SEP**

[Sch21b] Michael Schmitz. 105.02 Some essential properties of Farey series in one Pic(k)ture. *The Mathematical Gazette*, 105(562): 108–111, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10502-some-essential-properties-of-farey-series-in-one-pickture/3BB59FB138F322D3A4580C17F86C98BD.

**Scimone:2022:GRT**

[Sci22] Aldo Scimone. Golden right triangles and the golden quadrilateral. *The Mathematical Gazette*, 106(565):9–20, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/golden-right-triangles-and-the-golden-quadrilateral/E5C2686BC2899DAB6826F2030EAEBA8C.

**Scimone:2024:GTF**

[Sci24] Aldo Scimone. 108.16 Golden triangles founded on Kepler's triangle. *The Mathematical Gazette*, 108(571):152–154, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10816-golden-triangles-founded-on-keplers-triangle/655744B93C8B7BF51AD2AC4BDAE91908.

**Scott:2020:HRT**

[Sco20] J. A. Scott. 104.09 A harmonic range for the triangle. *The Mathematical Gazette*, 104(559):168–169, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10409-a-harmonic-range-for-the-triangle/3B808EF47007556DEE7A018AD07F8696.

**Scott:2022:GIT**

[Sco22a] J. A. Scott. 106.46 On the Gerretsen inequalities in trigonometrical form. *The Mathematical Gazette*, 106(567):532–533, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10646-on-the-gerretsen-inequalities-in-trigonometrical-form/422C80607EB72B36B0BA0D736BCF

**Scott:2022:FFP**

[Sco22b] J. A. Scott. 106.48 On the first Fermat point for the triangle. *The Mathematical Gazette*, 106(567):539–541, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10648-on-the-first-fermat-point-for-the-triangle/D4DFAB02359A64387960AD90F43DEFD9.

**Scott:2023:LLT**

[Sco23] J. A. Scott. 107.42 On the Lemoine line for the triangle. *The Mathematical Gazette*, 107(570):526–528, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10742-on-the-lemoine-line-for-the-triangle/632C0582AE7FDB459CC1186A5EAD34D6.

**Sadek:2020:PFN**

[SE20a] Jawad Sadek and Russell Euler. 104.03 On periods of Fibonacci numbers using modular arithmetic on the Binet formula. *The Mathematical Gazette*, 104(559):150–154, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10403-on-periods-of-fibonacci-numbers-using-modular-arithmetic-on-the-binet-formula/30FE1AC16B389F17D16C5CBB420D9448.

**Sadek:2020:UFL**

[SE20b] Jawad Sadek and Russell Euler. 104.26 Unusual Fibonacci, Lucas and Pell congruence relations. *The Mathematical Gazette*, 104(561):507–509, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10426-unusual-fibonacci-lucas-and-pell-congruence-relations/E22427749D42B30385C1C8CCD8D8E902.

**Sebastian:2022:TDC**

[Seb22] Sabu Sebastian. 106.34 A theorem on divisibility by congruence. *The Mathematical Gazette*, 106(567):501–504, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10634-a-theorem-on-divisibility-by-congruence/2287DCC35ADCAF8A69D6C49E17A8B255.

**Shahali:2024:RPP**

[Sha24] H. A. Shahali. 108.03 Remarks on perfect powers. *The Mathematical Gazette*, 108(571):122–124, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10803-remarks-on-perfect-powers/1741C2E132A8B366EDE7036C2A5D0F2

**Shenoy:2023:DRT**

[She23] Rohan Manojkumar Shenoy. 107.27 The discrete renewal theorem with bounded interevent times. *The Mathematical Gazette*, 107(569):343–348, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10727-the-discrete-renewal-theorem-with-bounded-interevent-times/888F0FD065BCD42A908580FFD58CA59B.

**Shiu:2020:TST**

[Shi20] Peter Shiu. The three-square theorem of Gauss and Legendre. *The Mathematical Gazette*, 104(560):209–214, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/threesquare-theorem-of-gauss-and-legendre/F5E4C8F7CD8BEC11CCB4F89488414648.

**Shiu:2022:BRN**

[Shi22a] Peter Shiu. Book review: *A new year's present from a mathematician* by Snezana Lawrence, pp. 177, £29.99 (paper), ISBN 978-0-36721-936-9, CRC Press (2019). *The Mathematical Gazette*, 106(567):563, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/new-years-present-from-a-mathematician-by-snezana-lawrence-pp-177-2999-paper-isbn-9780367219369-crc-press-2019/6EDD9FBFAC4DB3C3DCA0FC02EABBA7C4.

**Shiu:2022:BRM**

[Shi22b] Peter Shiu. Book review: *The maths of life and death* by Kit Yates, pp. 333, £20 (paper), ISBN 978-1-78747-542-7, Quercus Books (2019). *The Mathematical Gazette*, 106(565): 189–190, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/maths-

of-life-and-death-by-kit-yates-pp-333-20-paper-isbn-978178747-5427-quercus-books-2019/170FC1ADF251D7B007EDD81B0180EBD5.

**Shiu:2023:BRB**

[Shi23a] Peter Shiu. Book review: *Bounded gaps between primes* by Kevin Broughan, pp. 590, £39.99 (paper), ISBN 978-1-108-79920-1, Cambridge University Press (2021). *The Mathematical Gazette*, 107(568):181–183, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/bounded-gaps-between-primes-by-kevin-broughan-pp-590-3999-paper-isbn-9781108799201-cambridge-university-press-2021/FF9D6F9D36450D15C522983221D3195B.

**Shiu:2023:BRC**

[Shi23b] Peter Shiu. Book review: *Complex analysis* by Andrei Bourchtein and Ludmila Bourchtein, pp. 346, £54.99 (paper), ISBN 978-981-15-9218-8, Springer Verlag (2021). *The Mathematical Gazette*, 107(570):569–570, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/complex-analysis-by-andrei-bourchteinand-ludmila-bourchtein-pp-346-5499-paper-isbn-9789911592218-springer-verlag-2021/5F60B5C95154579F312F7D4F2CE2A11E.

**Shiu:2023:BRE**

[Shi23c] Peter Shiu. Book review: *Essential mathematics for undergraduates* by Simon G. Chiossi, pp 490, £54.99 (hard), ISBN 978-3-030-87173-4, Springer Verlag (2021). *The Mathematical Gazette*, 107(570):563–565, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/essential-mathematics-for-undergraduates-by-simon-g-chiossi-pp-490-5499-hard-isbn-9783030871734-springer-verlag-2021/9F9C2B2147F17224BADA63BFDDD7B922.

**Shiu:2024:BRI**

[Shi24] Peter Shiu. Book review: *Irrationality and transcendence in number theory* by David Angell, pp. 242, £59.99, (hard), ISBN 978-0-367-62837-6, Chapman and Hall/CRC (2022). *The Mathematical Gazette*, 108(571):180–182, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL

https://www.cambridge.org/core/journals/mathematical-gazette/article/irrationality-and-transcendence-in-number-theory-by-david-angell-pp-242-5999-hard-isbn-9780367628376-chapman-and-hallcrc-2022/63CFF2C64BAE74C9063EBA8E914F800D.

**Sibley:2023:HEE**

[Sib23] Thomas Q. Sibley. How effective is the efficiency gap? *The Mathematical Gazette*, 107(569):218–224, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/how-effective-is-the-efficiency-gap/C52C7C83E1DA83058634C8AEDFE8E11B.

**Siems:2020:MCM**

[Sie20] Tobias Siems. Markov Chain Monte Carlo on finite state spaces. *The Mathematical Gazette*, 104(560):281–287, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/markov-chain-monte-carlo-on-finite-state-spaces/F410EAF29400580A62DEE5B7C73134CB.

**Silvester:2020:DPK**

[Sil20] John R. Silvester. Desargues, Pascal and Kirkman. *The Mathematical Gazette*, 104(559):125–135, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/desargues-pascal-and-kirkman/1F4285CFB2C8842536D3096B5E3BCFE3.

**Silvester:2021:FFR**

[Sil21a] John R. Silvester. 105.21 Factorial factors revisited. *The Mathematical Gazette*, 105(563):301–303, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10521-factorial-factors-revisited/9F2E47D8E32A42BF51D18E5B051C5184.

**Silvester:2021:CMT**

[Sil21b] John R. Silvester. On cardioids and Morley's theorem. *The Mathematical Gazette*, 105(562):40–51, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-cardioids-and-morleys-theorem/4DF2DF083F16857327410C931C97B0

**Silvester:2022:TLP**

[Sil22] John R. Silvester. The trisectrix and Langley's problem. *The Mathematical Gazette*, 106(565):21–27, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/trisectrix-and-langleys-problem/79CAD1D7AB6148D5C5CAA328CF865C9B`.

**Silvester:2023:CCT**

[Sil23a] John R. Silvester. 107.44 On converses of circle theorems. *The Mathematical Gazette*, 107(570):530–532, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10744-on-converses-of-circle-theorems/0AF3379299A47B20B2FB1E0C0F45C4D5`.

**Silvester:2023:STT**

[Sil23b] John R. Silvester. Some triangle theorems by complex numbers. *The Mathematical Gazette*, 107(570):454–473, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/some-triangle-theorems-by-complex-numbers/AA6213AFC04573130FEE6FEB21376FBB`.

**Silberger:2024:RPB**

[Sil24] Allan J. Silberger. 108.05 Ramanujan's proof of Bertrand's postulate. *The Mathematical Gazette*, 108(571):130–134, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10805-ramanujans-proof-of-bertrands-postulate/72FED9594A96508B22FEFEAA80549817`.

**Singh:2020:IR**

[Sin20] Angad Singh. 104.30 An integral relating $\pi$ and $\zeta(3)$. *The Mathematical Gazette*, 104(561):520–522, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10430-an-integral-relating-and-3/B2D24B72A8CB7788D18E93AB1490E9`

**Singh:2021:ICF**

[Sin21] Angad Singh. 105.19 An inverted cone and Fermat's last theorem. *The Mathematical Gazette*, 105(563):298, July 2021.

CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10519-an-inverted-cone-and-fermats-last-theorem/56511E11C3B5696A30C91883EBFD2090.

**Singh:2022:NDL**

[Sin22] Angad Singh. 106.01 the number of divisors of the LCM of the first $n$ natural numbers. *The Mathematical Gazette*, 106(565): 116–117, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10601-the-number-of-divisors-of-the-lcm-of-the-first-n-natural-numbers/CCEA08EC1E3F75A0B2DEC4B9DB8DE913.

**Singh:2024:CI**

[Sin24] Angad Singh. 108.08 Cone and integral. *The Mathematical Gazette*, 108(571):140–142, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10808-cone-and-integral/6D258C2A6026AE6429DAE45C04411E6E.

**Skorczewski:2020:MLY**

[Sko20] Tyler Skorczewski. Modelling learning in youth archery. *The Mathematical Gazette*, 104(561):427–434, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/modelling-learning-in-youth-archery/39FE0CCAB78CD4B608EB7C1413011FD8.

**Slomson:2024:BRO**

[Slo24] Alan Slomson. Book review: *The one true logic: a monist manifesto*, by Owen Griffiths and A. C. Paseau, pp 232, ISBN 978-0-19-882971-3, Oxford University Press (2022). *The Mathematical Gazette*, 108(571):186–188, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/one-true-logic-a-monist-manifesto-by-owen-griffiths-and-a-c-paseau-pp-232-isbn-9780198829713-oxford-university-press-2022/96B1D4DCC0C80C6E7B6CE29E8B3A9C60.

**Stupel:2023:TWS**

[SO23] Moshe Stupel and Victor Oxman. 107.10 Trapezia whose side-lengths form an arithmetic progression. *The Mathematical*

*Gazette*, 107(568):147–149, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10710-trapezia-whose-sidelengths-form-an-arithmetic-progression/28BB79428D783C14212B5FDEC67DCA6E.

**Sporn:2021:GPT**

[Spo21a] Howard Sporn. A group of Pythagorean triples using the inradius. *The Mathematical Gazette*, 105(563):209–215, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/group-of-pythagorean-triples-using-the-inradius/E88C97B72AEBE740093A07E1ABAC41E7.

**Sporn:2021:GSG**

[Spo21b] Howard Sporn. A group structure on the golden triples. *The Mathematical Gazette*, 105(562):87–97, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/group-structure-on-the-golden-triples/2C00D0296460B3EF961CBE421182B394.

**Sporn:2022:FLH**

[Spo22a] Howard Sporn. Fibonacci–Lucas hyperbolas. *The Mathematical Gazette*, 106(566):242–246, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/fibonaccilucas-hyperbolas/0B51B37A75BC9B51020FDF631AA6169C.

**Sporn:2022:FFC**

[Spo22b] Howard Sporn. Fibonacci fraction circles. *The Mathematical Gazette*, 106(565):1–8, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/fibonacci-fraction-circles/40C40BE93CB0477893321A2F62FCA713.

**Sporn:2023:MAA**

[Spo23] Howard Sporn. Multiplication is to addition as addition is to what? *The Mathematical Gazette*, 107(568):84–95, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/multiplication-is-to-addition-as-addition-is-to-what/69855BFEFA2463E3593BCBA626C51121.

**Sporn:2024:PAS**

[Spo24] Howard Sporn. Patterns among square roots of the $2 \times 2$ identity matrix. *The Mathematical Gazette*, 108(571):84–93, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/patterns-among-square-roots-of-the-2-2-identity-matrix/456EDD8B24409B9CB8BF4F7BE5DA179B`.

**Skurnick:2020:MCM**

[SR20] Ronald Skurnick and Christopher Roethel. A more conclusive and more inclusive second derivative test. *The Mathematical Gazette*, 104(560):247–254, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/more-conclusive-and-more-inclusive-second-derivative-test/7D48E66EF263873083E8FA573AEF51AB`.

**Switkes:2020:WAE**

[SS20] Jennifer Switkes and Randall Swift. Worst average encountered highway velocity. *The Mathematical Gazette*, 104(559):12–19, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/worst-average-encountered-highway-velocity/B257A43CA64BD559086FE5A8709D7314`.

**Shahbari:2022:TI**

[SS22] Juhaina A. Shahbari and Moshe Stupel. 106.13 A triangle inequality. *The Mathematical Gazette*, 106(565):138, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10613-a-triangle-inequality/A88AD35D6F5D1D166B2D04396CDFE821`.

**Shahali:2024:WG**

[SS24] Manija Shahali and H. A. Shahali. Walk on a grid. *The Mathematical Gazette*, 108(571):111–117, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/walk-on-a-grid/6BDE88C625E149F29116C304A29282AB`.

**Subramaniam:2022:PWS**

[ST22] K. B. Subramaniam and Aji Thomas. 106.23 Proof without words: $\sin 3x = 3 \sin x - 4 \sin^3 x$. *The Mathematical Gazette*,

106(566):330, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10623-proof-without-words-sin-3x-3-sin-x-4-sin3x/7DD6F4D3BEC3F5A17B4A3E702CDAAB61.

**Sangwin:2023:DNP**

[ST23] Chris Sangwin and Fenner Stanley Tanswell. Developing new picture proofs that the sums of the first $n$ odd integers are squares. *The Mathematical Gazette*, 107(569):249–262, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/developing-new-picture-proofs-that-the-sums-of-the-first-n-odd-integers-are-squares/6B0F55C5036E9C7A4621294F9A4244A8.

**Stanley:2020:TCS**

[Sta20] P. Stanley. 104.23 Tessellation of a conical surface. *The Mathematical Gazette*, 104(560):339–341, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10423-tessellation-of-a-conical-surface/1592102B77AE547C66294EB33C4C31CA.

**Stanley:2021:FFT**

[Sta21a] P. Stanley. On the frequency of Friday the thirteenth. *The Mathematical Gazette*, 105(563):222–225, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-the-frequency-of-friday-the-thirteenth/579BAAFD36E2C57C0CEB629DB2F1166C.

**Starr:2021:NLC**

[Sta21b] Chris Starr. 105.18 Notes on listener crossword 4595 by Elap. *The Mathematical Gazette*, 105(563):291–298, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10518-notes-on-listener-crossword-4595-by-elap/7A469A2E4FE3BCC7AACABF16A8D7963C.

**Stephenson:2020:CSP**

[Ste20a] Paul Stephenson. 104.06 A consecutive squares property. *The Mathematical Gazette*, 104(559):160–161, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL

https://www.cambridge.org/core/journals/mathematical-gazette/article/10406-a-consecutive-squares-property/9E86EDE6AC2373586F2678E9EB2B42A5.

**Stephenson:2020:CSV**

[Ste20b] Paul Stephenson. 104.19 Centroid of a sector from Viète. *The Mathematical Gazette*, 104(560):330–331, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10419-centroid-of-a-sector-from-viete/77714328CAC7CA05717C6B2190CFFEFB.

**Stewart:2020:CCI**

[Ste20c] Seán M. Stewart. A Catalan constant inspired integral odyssey. *The Mathematical Gazette*, 104(561):449–459, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/catalan-constant-inspired-integral-odyssey/48229249A53E7D5F6C5BCDEB42233726.

**Stephenson:2021:FDS**

[Ste21a] Paul Stephenson. On 'A family of discrete spirals'. *The Mathematical Gazette*, 105(563):354–355, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-a-family-of-discrete-spirals/F8AED4E800E32880519E3AAAC9A7CBA3.

**Stewart:2021:PSR**

[Ste21b] Seán M. Stewart. A pretty series revisited. *The Mathematical Gazette*, 105(564):450–457, November 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/pretty-series-revisited/E29CCC38B5192FA27DF01351D8334CC4.

**Stephenson:2022:HIC**

[Ste22a] Paul Stephenson. On 'How to impress a chemist — again!'. *The Mathematical Gazette*, 106(567):551–552, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-how-to-impress-a-chemist-again/4E897421628D3137ABD3BA575D1B465F.

**Stewart:2022:BRA**

[Ste22b] Sean M. Stewart. Book review: *Advanced calculus explored* by Hamza Alsamraee, pp. 448, $26.99 (paper), ISBN 978-0-578-61682-7, Curious Math Publications (2019). *The Mathematical Gazette*, 106(565):181–183, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/advanced-calculus-explored-by-hamza-alsamraee-pp-448-2699-paper-isbn-9780578616827-curious-math-publications-2019/0AEE44787147D97A0F71299F805655F1`.

**Stewart:2022:LBL**

[Ste22c] Seán M. Stewart. A look back at a long-forgotten trigonometric function: the versine function and its inverse. *The Mathematical Gazette*, 106(565):84–94, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/look-back-at-a-longforgotten-trigonometric-function-the-versine-function-and-its-inverse/72C0952C4E93DDD8428CEDC6376EED9C`.

**Stephenson:2023:BPT**

[Ste23a] Paul Stephenson. Bicentric polygons, their incircles, circumcircles and the circles between. *The Mathematical Gazette*, 107(568):160–161, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/bicentric-polygons-their-incircles-circumcircles-and-the-circles-between/1F4ADCFAFE495F9A31338BF5C3D76218`.

**Stephenson:2023:SFI**

[Ste23b] Paul Stephenson. On 'Sums of the first $n$ integers'. *The Mathematical Gazette*, 107(570):545–547, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/on-sums-of-the-first-n-integers/82BBC718C7441D8FA1A65FE93C230202`. See [San23].

**Stephenson:2023:TIM**

[Ste23c] Paul Stephenson. Trigonometric identities from the mystic rose. *The Mathematical Gazette*, 107(569):349–355, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/`

journals/mathematical-gazette/article/trigonometric-identities-from-the-mystic-rose/E2E3C4A45D606131149EFD7985EC7C33.

**Stephenson:2023:WMG**

[Ste23d] Paul Stephenson. What makes a good Proof without Words. *The Mathematical Gazette*, 107(568):165, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/what-makes-a-good-proof-without-words/ABB2F0E1D4B2A114F9B535FB4B9CCDA1.

**Stewart:2023:SIR**

[Ste23e] Seán M. Stewart. 107.01 A simple integral representation of the Fibonacci numbers. *The Mathematical Gazette*, 107(568): 120–123, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10701-a-simple-integral-representation-of-the-fibonacci-numbers/ADCAC1613B42D6660E37932E748B1A28.

**Stephenson:2024:TNI**

[Ste24] Paul Stephenson. 108.14 A triangle number identity. *The Mathematical Gazette*, 108(571):148, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10814-a-triangle-number-identity/BE80E0E4659348E0CC9A20EF76B119B2.

**Sullivan:2022:CL**

[Sul22] Jerry Sullivan. A computer look at $N!$. *The Mathematical Gazette*, 106(566):233–241, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/computer-look-at-n/F71176C8058EA4101299CAA1EF6F7545.

**Sury:2020:AAU**

[Sur20] B. Sury. 104.27 An additive analogue of an unsolved multiplicative problem. *The Mathematical Gazette*, 104(561):510–511, November 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10427-an-additive-analogue-of-an-unsolved-multiplicative-problem/778F47B0A352F8793C6013B49117F177.

**Stupel:2021:GTA**

[SWT21] Moshe Stupel, Shula Weissman, and Idan Tal. Geometrical theorems about conservation of area for use in classroom activities. *The Mathematical Gazette*, 105(562):61–69, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/geometrical-theorems-about-conservation-of-area-for-use-in-classroom-activities/4234C22CA527198A6947987DD42F342B`.

**Tho:2022:RDP**

[Tho22a] Nguyen Xuan Tho. 106.02 the rational distance problem revisited. *The Mathematical Gazette*, 106(565):117–120, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10602-the-rational-distance-problem-revisited/9F5B2E87122B06BC2E358D864267FED6`.

**Tho:2022:ISS**

[Tho22b] Nguyen Xuan Tho. 106.05 on the irrationality of sums of square roots. *The Mathematical Gazette*, 106(565):125–127, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10605-on-the-irrationality-of-sums-of-square-roots/58AE53E90D31C775B647114449ED0C7D`.

**Tho:2022:PLC**

[Tho22c] Nguyen Xuan Tho. 106.15 A proof of Lukarevski's conjecture. *The Mathematical Gazette*, 106(565):143–147, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10615-a-proof-of-lukarevskis-conjecture/05AA082625DDE1CD29770C50C6208A99`.

**Tho:2022:IAP**

[Tho22d] Nguyen Xuan Tho. 106.27 An interesting application of Ptolemy's inequality. *The Mathematical Gazette*, 106(566):338–340, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10627-an-interesting-application-of-ptolemys-inequality/F6445A0C40B9106416202F3A4E2C643B`

**Tho:2022:III**

[Tho22e] Nguyen Xuan Tho. 106.28 Inequalities involving the inradius and altitudes of a triangle. *The Mathematical Gazette*, 106 (566):341–342, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10628-inequalities-involving-the-inradius-and-altitudes-of-a-triangle/1960B1B4B7D1C1A90B4517ADAAE72014.

**Toller:2021:BRD**

[Tol21a] Owen Toller. Book review: *Do dice play God?* by Ian Stewart, pp. 320, £15.99 (paper), ISBN 978-1-78816-228-9, Profile Books (2019). *The Mathematical Gazette*, 105 (562):186–187, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/do-dice-play-god-by-ian-stewart-pp-320-1599-paper-isbn-9781788162289-profile-books-2019/4769EDDEF5E215284EEAE0C32093BDDF.

**Toller:2021:BRG**

[Tol21b] Owen Toller. Book review: *Game changers* by Rudolf Taschner, pp. 237, $ 18 (paper), ISBN 978-1-63388-373-4, Prometheus Books (2017). *The Mathematical Gazette*, 105(563):378–379, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/game-changers-by-rudolf-taschner-pp-237-18-paper-isbn-9781633883734-prometheus-books-2017/07736CEF8A8A3EB5F1830FCDA44874E8.

**Toller:2021:BRI**

[Tol21c] Owen Toller. Book review: *Introductory mathematics and statistics through sport* by Tricia Muldoon Brown and Eric B. Kahn, pp. 116, £25 (hard), ISBN 978-0-19-883567-7, Oxford University Press (2019). *The Mathematical Gazette*, 105(562):187–188, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/introductory-mathematics-and-statistics-through-sport-by-tricia-muldoon-brown-and-eric-b-kahn-pp-116-25-hard-isbn-9780198835677-oxford-university-press-2019/9B89568A2EA774B87EDB44623E972697.

**Toller:2021:BRJ**

[Tol21d] Owen Toller. Book review: *The joy of statistics* by Steve Selvin, pp. 211, £19.99 (hard), ISBN 978-0-19-883344-4, Oxford University Press (2019). *The Mathematical Gazette*, 105(562):186–187, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/joy-of-statistics-by-steve-selvin-pp-211-1999-hard-isbn-9780198833444-oxford-university-press-2019/A2C0AC6A5809789A1116154ABB44A5DA`.

**Toller:2021:BRT**

[Tol21e] Owen Toller. Book review: *Truth or truthiness, distinguishing fact from fiction by learning to think like a data scientist* by Howard Wainer, pp. 210, £19.99 (hard), ISBN 978-1-107-13057-9, Cambridge University Press (2016). *The Mathematical Gazette*, 105(563):368, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/truth-or-truthiness-distinguishing-fact-from-fiction-by-learning-to-think-like-a-data-scientist-by-howard-wainer-pp-210-1999-hard-isbn-9781107130579-cambridge-university-press-2016/651DA9E15AAAB53DA99DBFB3B0AB95E6`.

**Toller:2021:IQ**

[Tol21f] Owen Toller. An instructive question. *The Mathematical Gazette*, 105(563):350–353, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/an-instructive-question/B62FAECEFAAEA3279C63BC289E1D7A36`.

**Toller:2022:BRMa**

[Tol22a] Owen Toller. Book review: *A modern introduction to differential equations* (3rd edn.) by Henry J. Ricardo, pp. 539, £115 (hard), ISBN 978-0-12-823417-4, Academic Press/Elsevir (2020). *The Mathematical Gazette*, 106(566):376–377, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/modern-introduction-to-differential-equations-3rd-edn-by-henry-j-ricardo-pp-539-115-hard-isbn-9780128234174-academic-presselsevir-2020/B9DE504D22F0881837963859036 12B99`.

**Toller:2022:BRI**

[Tol22b] Owen Toller. Book review: *Introduction to the theory of optimization in Euclidean space* by Samia Challal, pp. 318, £73.59 (hard), ISBN 978-0-367-19557-1, also available as e-book, CRC Press (2019). *The Mathematical Gazette*, 106 (565):185–186, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/introduction-to-the-theory-of-optimization-in-euclidean-space-by-samia-challal-pp-318-7359-hard-isbn-9780367195571-also-available-as-ebook-crc-press-2019/63DA064B9A552473728B39E88DC89E22.

**Toller:2022:BRN**

[Tol22c] Owen Toller. Book review: *Number and letter puzzles* by Des MacHale, pp. 98, £9.21 (paper), ISBN 978-0-24423-100-2, Logic Press (2019). *The Mathematical Gazette*, 106(565):191, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/number-and-letter-puzzles-by-des-machale-pp-98-921-paper-isbn-9780-244231002-logic-press-2019/A249A35832C65B78888E503C5D216

**Toller:2022:BRO**

[Tol22d] Owen Toller. Book review: *One thousand exercises in probability* (3rd edition) by Geoffrey R. Grimmett and David R. Stirzaker, pp. 580, £29.99 (paper), ISBN 978-0198847618, Oxford University Press (2020). *The Mathematical Gazette*, 106 (567):568–569, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/one-thousand-exercises-in-probability-3rd-edition-by-geoffrey-r-grimmett-and-david-r-stirzaker-pp-580-2999-paper-isbn-9780198847618-oxford-university-press-2020/D2D88478A396F3BD44395D9D96A15D24.

**Toller:2022:BRP**

[Tol22e] Owen Toller. Book review: *Probability and random processes* (4th edition) by Geoffrey R. Grimmett and David R. Stirzaker, pp. 669, £40 (paper), ISBN 978-019884759, Oxford University Press (2020). *The Mathematical Gazette*, 106 (567):568–569, November 2022. CODEN MAGAAS. ISSN

0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/probability-and-random-processes-4th-edition-by-geoffrey-r-grimmett-and-david-r-stirzaker-pp-669-40-paper-isbn-978019884759-oxford-university-press-2020/0222046279595EB113671FD07CC80F57.

**Toller:2022:BRMb**

[Tol22f] Owen Toller. Book review: *The mathematics lover's companion* by Edward Scheinerman, pp. 274, £12.99 (paper), ISBN 978-0-300-25539-3, Yale University Press (2021). *The Mathematical Gazette*, 106(566):383, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/mathematics-lovers-companion-by-edward-scheinerman-pp-274-1299-paper-isbn-9780300255393-yale-university-press-2021/34DF5F765F9BCD3CE5C0FD5F9771CE9B.

**Toller:2022:BRS**

[Tol22g] Owen Toller. Book review: *The secret formula* by Fabio Toscano, pp. 161, £22 (hard), ISBN 978-0-691-18367-1, Princeton University Press (2020). *The Mathematical Gazette*, 106(566):366–367, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/secret-formula-by-fabio-toscano-pp-161-22-hard-isbn-9780691183671-princeton-university-press-2020/E40C254FD737A0245D8F5223EF447667.

**Toller:2022:BRTb**

[Tol22h] Owen Toller. Book review: *Thinking clearly with data* by Ethan Bueno de Mesquita and Anthony Fowler, pp. 432, £25 (paper), ISBN 978-0-69121-435-1, Princeton University Press (2021). *The Mathematical Gazette*, 106(567): 572–574, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/thinking-clearly-with-data-by-ethan-bueno-de-mesquita-and-anthony-fowler-pp-432-25-paper-isbn-9780691214351-princeton-university-press-2021/980F4D18F2D2C822C0717148DAF37B09.

**Toller:2022:BRTa**

[Tol22i] Owen Toller. Book review: *Thinking probabilistically* by Ariel Amir, pp. 242, £39.99 (paper), ISBN 978-1-108-78998-1, Cam-

bridge University Press (2021) (e-copy reviewed). *The Mathematical Gazette*, 106(566):378–379, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/thinking-probabilistically-by-ariel-amir-pp-242-3999-paper-isbn-9781108789981-cambridge-university-press-2021-ecopy-reviewed/1BA43F1E6B4AB11FE7E4D25DA0F2BDC5.

**Toller:2022:X**

[Tol22j] Owen Toller. On 105.49. *The Mathematical Gazette*, 106(565): 158, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-10549/84E04C77881F69A958936D51256D2319.

**Toller:2023:BRF**

[Tol23a] Owen Toller. Book review: *A first course in group theory* by Bijan Davvaz, pp. 291, £44.99 (hard), also available as e-book, ISBN 978-981-16-6364-2, Springer Verlag (2021). *The Mathematical Gazette*, 107(570):565–566, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/first-course-in-group-theory-by-bijan-davvaz-pp-291-4499-hard-also-available-as-ebook-isbn-9789811663642-springer-verlag-2021/825728B09A114FCF9D6AA38DBDCAA976.

**Toller:2023:BRAb**

[Tol23b] Owen Toller. Book review: *Abstract algebra, a comprehensive introduction* by John W. Lawrence and Frank A. Zorzitto, pp. 619, £64.99 (hard), ISBN 978-1-108-83665-4, Cambridge University Press (2021). *The Mathematical Gazette*, 107(569):372–373, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/abstract-algebra-a-comprehensive-introduction-by-john-w-lawrence-and-frank-a-zorzitto-pp-619-6499-hard-isbn-9781108836654-cambridge-university-press-2021/E60652F070FAEA359BAEC7367FE53AC7.

**Toller:2023:BRA**

[Tol23c] Owen Toller. Book review: *Algebra, notes from the underground* by Paolo Aluffi, pp. 488, £29.99 (paper), ISBN 978-1-108-95823-3, Cambridge University Press (2021). *The Mathematical Gazette*, 107(570):562–563, November 2023. CODEN MAGAAS.

ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/algebra-notes-from-the-underground-by-paolo-aluffi-pp-488-2999-paper-isbn-9781108958233-cambridge-university-press-2021/75255C33843681F8CE8F1EF0B9748791.

**Toller:2023:BRAa**

[Tol23d] Owen Toller. Book review: *Anachronisms in the history of mathematics* edited by Niccolò Guicciardini, pp. 366, £110 (hard), ISBN 978-1-108-83496-4, Cambridge University Press (2021). *The Mathematical Gazette*, 107(569):369–372, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/anachronisms-in-the-history-of-mathematics-edited-by-niccolo-guicciardini-pp-366-110-hard-isbn-9781108834964-cambridge-university-press-2021/3F9164647F70C508FA5355CC63E6946C.

**Toller:2023:BRB**

[Tol23e] Owen Toller. Book review: *Basic statistics with R* by Stephen C. Loftus, pp 283, £57.95 (paper), ISBN 978-0-12-820788-8, Academic Press/Elsevier (2021). *The Mathematical Gazette*, 107(569):379–380, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/basic-statistics-with-r-by-stephen-c-loftus-pp-283-5795-paper-isbn-9780128207888-academic-presselsevier-2021/0BF5A0142A9544DF2FCCFB018F7415A3.

**Toller:2023:BRD**

[Tol23f] Owen Toller. Book review: *Do not erase* by Jessica Wynne, pp 252, £30.00 (hard), ISBN 978-0-69119-922-1, Princeton University Press (2021). *The Mathematical Gazette*, 107(568):191, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/do-not-erase-by-jessica-wynne-pp-252-3000-hard-isbn-9780691199221-princeton-university-press-2021/40917EF1832D697C8A4BC1A67378

**Toller:2023:BRI**

[Tol23g] Owen Toller. Book review: *Introduction to linear and matrix algebra* by Nathaniel Johnston, pp. 482, £49.99 (hard), ISBN 978-3-03052-810-2, Springer Verlag (2021). *The*

*Mathematical Gazette*, 107(568):188–189, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/introduction-to-linear-and-matrix-algebra-by-nathaniel-johnston-pp-482-4999-hard-isbn-9783030528102-springer-verlag-2021/4ABF2DE4473BF903BF7D7A9BC1896EA9.

**Toller:2023:BRW**

[Tol23h] Owen Toller. Book review: *What are the chances of that?* by Andrew Elliott, pp. 356, £25 (hard), ISBN 978-0-19-886902-3, Oxford University Press (2021). *The Mathematical Gazette*, 107 (569):381–382, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/what-are-the-chances-of-that-by-andrew-elliott-pp-356-25-hard-isbn-9780198869023-oxford-university-press-2021/47B99232D00C4207E4F39E544F4C7B10.

**Toller:2023:X**

[Tol23i] Owen Toller. On 106.34. *The Mathematical Gazette*, 107(569): 356–358, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-10634/BC929E5C9B64EFE3EE545C48D0D14E5F.

**Toller:2024:BRS**

[Tol24] Owen Toller. Book review: *Science by simulation, volume 1* by Andrew French, pp 288, £40 (paper), ISBN 978-1-80061-121-4, World Scientific (2022). *The Mathematical Gazette*, 108(571):185–186, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/science-by-simulation-volume-1-by-andrew-french-pp-288-40-paper-isbn-9781800611214-world-scientific-2022/92356A6887C1B3DBE64455FB873D5D9C.

**Tossavainen:2023:CBA**

[Tos23] Timo Tossavainen. Cryptography based on algebraic perpendicularities. *The Mathematical Gazette*, 107(568):65–69, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/cryptography-based-on-algebraic-perpendicularities/0DA495AF75CA913027E3934A536DB7BA.

**Tran:2023:SGW**

[Tra23] Quang Hung Tran. Some generalisations of Weitzenböck's inequality. *The Mathematical Gazette*, 107(570):405–411, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/some-generalisations-of-weitzenbocks-inequality/EFB8243BFC597F72A8AFC1DC87DA6E75`.

**Tran:2024:SGE**

[Tra24] Quang Hung Tran. Some generalisations and extensions of a remarkable geometry puzzle. *The Mathematical Gazette*, 108 (571):36–42, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/some-generalisations-and-extensions-of-a-remarkable-geometry-puzzle/281A761BCB3227B94A647B9819452F6C`.

**Tho:2024:FLE**

[TT24] Nguyen Xuan Tho and Nguyen Quynh Tram. 108.02 Fermat-like equations for fractional parts. *The Mathematical Gazette*, 108 (571):120–122, March 2024. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10802-fermatlike-equations-for-fractional-parts/83E93DB70CD11E9B1E54CC96A611D877`.

**Uhlmann:2023:CER**

[Uhl23] Jeffrey Uhlmann. 107.29 A cautionary example relating to the interpretation of numerical computations. *The Mathematical Gazette*, 107(570):490–493, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/10729-a-cautionary-example-relating-to-the-interpretation-of-numerical-computations/D6D8710999C0B8096D50AD38D38E80B`

**Viglione:2020:TCK**

[Vig20] Raymond Viglione. The Thébault configuration keeps on giving. *The Mathematical Gazette*, 104(559):74–81, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `https://www.cambridge.org/core/journals/mathematical-gazette/article/thebault-configuration-keeps-on-giving/92093E80A2CA1AFD6D8D40E91C5E6EE0`.

**Villarino:2023:QHA**

[Vil23] Mark B. Villarino. 107.19 A quadratic harmonic approximation. *The Mathematical Gazette*, 107(569):316–320, July 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10719-a-quadratic-harmonic-approximation/52042ACA94287700B2DFD5869B2747FC.

**Volenec:2022:APU**

[Vol22] Vladimir Volenec. 106.49 An area problem using barycentric coordinates. *The Mathematical Gazette*, 106(567):541–543, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10649-an-area-problem-using-barycentric-coordinates/1282A9BF1F6354C2ACF8B3D01F117D86.

**Vu:2021:MPM**

[Vu21] Thanh Tung Vu. 105.11 Median-parallelogic and median-orthologic triangles. *The Mathematical Gazette*, 105(562): 136–139, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10511-medianparallelogic-and-medianorthologic-triangles/70306B95CABEFC6159D695DE1AC2F

**Vu:2022:RRN**

[Vu22] Thanh Tung Vu. 106.35 On the representation of rational numbers in the form $\frac{(\phi(m^r))^a}{(\phi(n^s))^b}$. *The Mathematical Gazette*, 106(567): 504–505, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10635-on-the-representation-of-rational-numbers-in-the-form/EC9CD640E8FBB24765C8BF90CE1B5978.

**Viher:2021:ASC**

[VVK21] Radimir Viher, Dragutin Viher, and Helena Koncul. Applications of the sine and cosine rules for a quadrilateral. *The Mathematical Gazette*, 105(562):70–77, March 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/applications-of-the-sine-and-cosine-rules-for-a-quadrilateral/2E4EDE1AC578FB954DA5C52EB2486C05.

**Wapner:2020:GNA**

[Wap20] Leonard M. Wapner. GPS navigation apps and the price of anarchy. *The Mathematical Gazette*, 104(560):235–240, July 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/gps-navigation-apps-and-the-price-of-anarchy/E9059E0CAFB7D8EE708E659FDA813C5C.

**Wapner:2021:UCT**

[Wap21] Leonard M. Wapner. An unexpected characteristic of tournament predictive power. *The Mathematical Gazette*, 105 (563):201–208, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/an-unexpected-characteristic-of-tournament-predictive-power/236438ED72A1EDDAA4183F20D033398D.

**Wapner:2022:PQS**

[Wap22] Leonard M. Wapner. Probability: a questionable science of the uncertain. *The Mathematical Gazette*, 106(567):458–466, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/probability-a-questionable-science-of-the-uncertain/5B105B401912FEB9A824E911252CB603.

**Wapner:2023:SPT**

[Wap23] Leonard M. Wapner. 107.45 A surprising property of a tennis-like game. *The Mathematical Gazette*, 107(570): 533–537, November 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10745-a-surprising-property-of-a-tennislike-game/1DA6D229B68C94075ABA9A82523A4931.

**Whitty:2022:HTG**

[Whi22] Robin Whitty. 106.47 Halving a triangle in a given direction. *The Mathematical Gazette*, 106(567):534–538, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10647-halving-a-triangle-in-a-given-direction/C8EE4718F19B7B08F007C96561488CAA.

**Williams:2023:AU**

[Wil23] Hollis Williams. 107.03 Archimedes and the ungula. *The Mathematical Gazette*, 107(568):127–128, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10703-archimedes-and-the-ungula/D98065C561D8E5BA5F95ADD18AAC443

**Woollacott:2021:SP**

[Woo21] Beth Woollacott. Student problems. *The Mathematical Gazette*, 105(563):365–367, July 2021. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/student-problems/7D2FBB7E102B61A1DFE9CB4CEA0B9724.

**Woollacott:2022:SPa**

[Woo22a] Beth Woollacott. Student problems. *The Mathematical Gazette*, 106(565):167–169, March 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/student-problems/102E8C5D587B9F1E790C0EDDB9BD83B5.

**Woollacott:2022:SPb**

[Woo22b] Beth Woollacott. Student problems. *The Mathematical Gazette*, 106(566):358–360, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/student-problems/06EB67D328827851336B41B29FB04F6C.

**Woollacott:2022:SP**

[WS22] Beth Woollacott and Tuya Sa. Student problems. *The Mathematical Gazette*, 106(567):560–562, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/student-problems/7975388C3F5FDD5E119F9B863BDC2CB7.

**Young:2022:X**

[YC22] Robert M. Young and Jack Calcut. On 106.06. *The Mathematical Gazette*, 106(567):549–550, November 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/on-10606/9731A367850151AA5F2393007558A9FE.

**Young:2023:AFN**

[YC23] Robert M. Young and Jack Calcut. Amendment to feedback: On 106.06 in November 2022. *The Mathematical Gazette*, 107(568): 165, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/amendment-to-feedback-on-10606-in-november-2022/ECC4450EE32376C5EC8BBC521825D56D.

**Yeo:2020:BRF**

[Yeo20] Dominic Yeo. Book review: *A first course in analysis* by John B. Conway, £39.99, ISBN 978-1-10717-314-9, Cambridge University Press (2017). *The Mathematical Gazette*, 104(559): 187, March 2020. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/first-course-in-analysis-by-john-b-conway-3999-isbn-9781107173149-cambridge-university-press-2017/E1DA89FC94606B7A61C940A5595F23D8.

**Yeo:2023:BRC**

[Yeo23] Dominic Yeo. Book review: *Counterexamples in measure and integration* by René L. Schilling and Franziska Kühn, pp. 399, £34.99 (paper), ISBN 978-1-00900-162-5, Cambridge University Press (2021). *The Mathematical Gazette*, 107(568):189–190, March 2023. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/counterexamples-in-measure-and-integration-by-rene-l-schilling-and-franziska-kuhn-pp-399-3499-paper-isbn-9781009001625-cambridge-university-press-2021/D051730B7D9ACA1D9174B432DACD

**Yoshida:2022:GRR**

[Yos22] Norio Yoshida. 106.22 The golden ratio represented by a tangent. *The Mathematical Gazette*, 106(566):325–329, July 2022. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10622-the-golden-ratio-represented-by-a-tangent/0ED6EFC3A896960EBC2CD69A98A293CE.

**Zamfir:2020:BRP**

[Zam20] Rica Zamfir. 104.33 Bounds for roots of polynomials with increasing coefficients. *The Mathematical Gazette*, 104(561):530–532, November 2020. CODEN MAGAAS. ISSN 0025-5572

(print), 2056-6328 (electronic). URL https://www.cambridge.org/core/journals/mathematical-gazette/article/10433-bounds-for-roots-of-polynomials-with-increasing-coefficients/14097D5F0D13B0E72A867713C458F40C.