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## Title word cross-reference

$(0, 1)$  [622].  $(1^2 + 1) \cdots (n^2 + 1)$  [1431].  $(3)^2$  [75].  $(\alpha, \alpha^2)$  [490].  $(U(1), U(2))$  [805, 806].  $(\{n\alpha + \gamma\} - 12)$  [39].  $(O_K/I)^\times$  [163].  $-2^{2s}qr$  [140]. 0 [587]. 1 [220, 421, 574, 676, 932, 1094, 1310, 1538, 1688].  $1/2$  [1477]. 11 [592]. 12 [355]. 13 [592]. 2 [69, 88, 123, 146, 181, 203, 218, 276, 295, 365, 452, 522, 526, 645, 703, 708, 718, 729, 732, 734, 860, 980, 1111, 1150, 1203, 1220, 1296, 1321, 1326, 1361, 1469, 1494, 1517, 1540, 1581].  $24m$  [271].  $2^t$  [297].  $2k$  [108].  $2n$  [1568].  $2s$  [1268]. 3 [75, 123, 692, 755, 1157, 1321, 1353].  $3x + 1$  [948, 1111]. 4 [123, 208, 466, 536, 1369, 1666]. 40 [1528].  $4\ell$  [24]. 5 [56, 323, 1525]. 7 [1580]. 8 [585, 812, 1525]. 9 [1531].  $?(x)$  [694].  $A$  [1115].  $a(\bmod p)$  [636, 637].  $A(q)$  [179].  $a^3 + b^3 + c^3 + d^3 = 0$  [339].  $A_4$  [1056].  $A_6$  [891].  $A_n$  [1543].  $abc$  [50].  $\alpha$  [425].  $\alpha^3 + k\alpha - 1 = 0$  [490].  $ax(x-1)/2 + by(y-1)/2$  [1552].  $axy + bx + cy + d$  [512].  $B$  [115, 844].  $B_2[g]$  [1089].  $B_h[g]$  [406].  $\mathbf{F}_p(x)$  [1149].  $\beta$  [1259].  $\bmod$  [758].  $\bmod \ell$  [213, 779, 1629].  $\bmod m$  [1441, 1646].  $\bmod p$  [23, 104, 114, 145, 548, 652, 684, 891, 1210].  $C^n$  [735].  $C_2 \times C_2 \times C_2$  [1494].  $C_p$

[193].  $d$  [786, 1445].  $D(4)$  [1368].  $\ell$  [26, 168].  $\ell^j$  [1663].  $f(x, y) = f(u, v)$  [206].  
 $F_2(X)$  [15].  $F_l[[T]]$  [390].  $F_p$  [395, 409].  $F_q$  [81].  $F_q[T]$  [112, 562].  $F_r(T)$  [735].  
 $F_r[T]$  [735].  $\frac{x^3-1}{x-1} = \frac{y^n-1}{y-1}$  [813].  $G$  [283, 926].  $g(\text{mod } p)$  [870, 962, 1031].  $g-1$   
 [926].  $G_2$  [70].  $G_4$  [241].  $G_6$  [241].  $\Gamma$  [318, 744].  $\Gamma_0(13)$  [1098].  $\Gamma_0(4)$  [817].  
 $\Gamma_0(N)$  [824, 991].  $\Gamma_0(N) \setminus H$  [399].  $\Gamma_1(m)$  [147].  $\Gamma_1(N)$  [824].  $h$  [443].  $H^1$   
 [534].  $\hat{A}_5$  [236].  $\infty$  [855].  $\int_{-1}^1 \int_{-1}^1 \int_{-1}^1 \Phi((ax+by+cz)R)\Psi(x, y, z) dx dy dz$   
 [1435].  $J$  [132, 458, 1149, 1292, 1704].  $J_0(431)$  [783, 953].  $K$   
 [69, 392, 729, 998, 1024, 1025, 1044, 1055, 1240, 1595].  $\{k-1, k+1\}$  [1290].  
 $k-2^n$  [223].  $k2^n+1$  [223].  $k2^n \pm 1$  [1189].  $K3$  [98, 756, 1118, 1466].  $k=4$   
 [242].  $K[\epsilon]$  [1390].  $k^r-2^n$  [461].  $k^r2^n+1$  [461].  $K_2$  [530].  $K_2(\mathbf{Q})$  [842, 1300].  
 $K_2(\mathcal{O})$  [208].  $k \pm 2^n$  [1189].  $L$   
 [23, 26, 36, 48, 70, 72, 100, 103, 108, 129, 137, 152, 169, 171, 184, 197, 307, 430, 446,  
 452, 459, 510, 608, 621, 650, 677, 722, 769, 780, 791, 848, 888, 924, 1005, 1032, 1066,  
 1081, 1101, 1130, 1132, 1148, 1167, 1176, 1177, 1196, 1198, 1208, 1291, 1319, 1336,  
 1362, 1409, 1422, 1429, 1463, 1576, 1579, 1592, 1654, 1665, 1677, 1691, 1698].  $L^\infty$   
 [1171].  $\Lambda$  [500, 990, 1702].  $[\alpha p + \beta]$  [1651].  $\log \eta_{g,h}(z)$  [495].  $m$  [185, 224, 1038].  
 $\mathbf{F}_1$  [1593].  $\mathbf{F}_{13}$  [1343].  $\mathbf{F}_p$  [821].  $\mathbf{F}_q$  [926].  $\mathbf{F}_q[t]$  [1445].  $\mathbf{K}_p((X^{-1}))$  [916].  $\mathbf{P}^1$   
 [1600].  $\mathbf{P}^n$  [1277].  $\mathbf{Q}$  [816, 860, 891, 1292, 1365, 1521, 1558].  $\mathbf{Q}(\sqrt{2})$  [749].  $\mathbf{Q}(\zeta_p)$   
 [1090].  $\mathbf{R}^n$  [1661].  $\mathbf{Z}^2$  [1423, 1662].  $\mathbf{Z}^3$  [1559].  $\mathbf{Z}^k$  [941].  $\mathbf{Z}_p$  [990].  $\mathbf{Z}_p^2$  [1625].  
 $\mathbf{Z}_p^d$  [1083, 1454].  $\mathbf{C}_p$  [1574].  $\mathbf{F}_q[t]$  [1657].  $\mathbf{Q}_p$  [1574].  $\mathbf{Z}_m$  [1440].  $\mathbf{Z}_p$  [836].  $\mathcal{O}_\infty$   
 [1705].  $CH^3(F, 5)$  [1146].  $GL(n)$  [1036].  $GL_2$  [1130].  $GL_{2n}$  [1213].  $GL_m$  [1081].  
 $SL(4, \mathbf{Z})$  [1418].  $SL_2(\mathbf{F})$  [1641].  $Cl_2(k) \simeq (2, 2, 2)$  [583].  $GL(2)$  [1374].  
 $GL(m, D)$  [814].  $GL(n, F)$  [814].  $GL(p)$  [476].  $GL_2$  [71, 816].  $GL_2(F_{q^2})$  [176].  
 $GL_2(\mathbf{F}_\ell)$  [1558].  $GL_3(\mathbf{Z})$  [891].  $GL_m(\mathbf{A}_K)$  [1344].  $GL_n$  [293, 572, 1457].  
 $GSp(4)$  [1422].  $GSp_4 \times GL_2$  [1576].  $M_m(D)$  [1224].  $PSL(2, Z)$  [160].  
 $PSL(2, Z) \setminus H$  [605].  $PSL_2(Z[1/N])$  [491].  $SL(2)$  [119].  $SL(2, Z)_+$  [371].  
 $SL(n, \mathbf{Z})_+$  [1661].  $SL_2(\mathbf{Z})$  [1399].  $SL_2(\mathbf{Z}_3)$  [1157].  $SL_4(Z)$  [336].  $SL_n$  [64].  
 $Sp(2n)$  [1522].  $Sp(4)$  [1521].  $Sp_2$  [822].  $Sp_2 \times (Sp_1)^2$  [822].  $\mu$  [282, 314, 568].  $n!$   
 [54, 523, 573, 1096, 1159, 1615].  $N$   
 [168, 679, 730, 786, 804, 915, 1190, 1506, 1552, 1636].  $n=3$  [1680].  $n=7$  [1555].  
 $n^2$  [804].  $n_1n_2 = n_3n_4$  [1289].  $N\ell^m$  [168].  $n \leq 6$  [1554].  $n \times (n-2)$  [1036].  $P$   
 [2, 25, 58, 72, 80, 100, 119, 180, 187, 198, 235, 255, 353, 446, 474, 476, 532, 604, 607,  
 618, 625, 654, 688, 697, 724, 792, 807, 850, 855, 934, 956, 968, 1012, 1017, 1036,  
 1090, 1135, 1325, 1333, 1353, 1390, 1403, 1404, 1411, 1422, 1543, 1625, 1640, 1656,  
 1665, 1683, 1686, 1701, 1704].  $P(f) = Q(g)$  [654].  $p = k^2 + l^2 + 1$  [1349].  $p > 0$   
 [109].  $p > 2$  [863].  $P^1$  [540].  $P^2$  [540, 548, 1176].  $p^5$  [1112].  $p^a$  [344].  $p^j$  [344].  
 $p^m$  [262].  $p^q$  [515].  $p^x - q^y = c$  [646].  $\phi$  [1260].  $\phi(n) + \sigma(n)$  [1636].  $\pi$  [96, 1707].  
 $\pm 1$  [107, 451].  $\pm ax \pm by = c$  [992].  $pq$  [463, 1573].  $px^2 + q^{2m} = y^p$  [1378, 1713].  
 $Q$  [71, 141, 228, 236, 273, 363, 505, 656, 713, 780, 1067, 1172, 1543, 1557, 1610].  
 $Q(-2)$  [703].  $Q(\zeta_{p^r})$  [393].  $Q + Q\alpha$  [55].  $q^k - 1$  [562].  $R$  [46, 283, 284, 498].  
 $r_s(n)$  [1268].  $S$  [121, 153, 608, 697, 1000, 1160, 1611, 1686].  $s=0$   
 [1278, 1382, 1579].  $s=1$  [137, 1278].  $s_0$  [1463].  $S_3(\Gamma(4, 8))$  [1196].  $S_n$  [1161].  
 $S_n(n \leq 5)$  [571].  $\sum +l + 6m = n\sigma(l)\sigma(m)$  [1182].  $\sum_{2l+3m=n} \sigma(l)\sigma(m)$  [1182].

$\sum_{i=1}^9 \frac{1}{x_i} = 1$  [1255].  $\sum_{l=0}^{\infty} d^l / \prod_{j=1}^l (1 + d^j r + d^{2j} s)$  [1272].  $T$  [963, 1110, 1217, 1442, 1489, 1611, 1686].  $\tau$  [434, 524, 574, 769].  $\Theta$  [805, 806].  $\tilde{A}_5$  [236].  $U(2, 1)$  [874, 1062].  $\varphi(n)/n$  [1022].  $w$  [1003, 1405].  $x^2 + D^m = p^n$  [796].  $x^2 + q^{2k+1} = y^n$  [356].  $x^2 + y^2 + z^2 + 7s^2 + 7t^2 + 7u^2$  [1580].  $x^2 - Dy^2 = -1, \pm 2$  [856].  $x^3 + y^9 = z^2$  [798].  $x^4 + ax^2 + bx$  [1012].  $x^n - 1$  [1671].  $X^p + aX^{p-1} + a$  [1541].  $X_0(N)$  [1635].  $X_0(p)/w_p$  [843].  $X_0(p^n)$  [764].  $X_0^*(p)$  [506].  $x_0y_0 + \dots + x_sy_s = 0$  [1591].  $X_1(n)$  [569].  $x_1x_2 = x_3x_4 + \lambda$  [1436].  $\Xi$  [1030].  $y^2 = x(x - 2^m)(x + q - 2^m)$  [1174].  $y^2 = x(x^2 - n^2)$  [17, 1487, 1533].  $y^2 = x^3 - n^2x$  [739].  $y^2 = x^\ell + A$  [322].  $Z$  [78].  $Z_2$  [645].  $Z_\ell$  [311, 453].  $Z_p$  [153, 382, 500].  $\zeta(2k + 1)$  [989].  $\zeta(s)$  [946].  $\zeta_q(1)$  [1230].  $\zeta_q(2)$  [1230].

**-additive** [115]. **-Adic** [2, 25, 58, 69, 80, 96, 100, 119, 168, 180, 187, 235, 255, 353, 446, 452, 476, 510, 604, 607, 625, 654, 688, 697, 724, 734, 792, 807, 850, 968, 1017, 1036, 1090, 1135, 1361, 1403, 1411, 1422, 1469, 1640, 1656, 1702, 1704]. **-adics** [708]. **-adiques** [850]. **-Analogue** [780]. **-analytic** [390]. **-arithmetic** [1000]. **-ary** [185]. **-binomial** [1067]. **-body** [26]. **-Catalan** [515]. **-class** [522, 980, 1203, 1494, 1666, 1686]. **-coatings** [283]. **-continued** [425, 1557]. **-core** [297, 1442, 1543, 1611]. **-cores** [1580]. **-correspondences** [805, 806]. **-curves** [1292]. **-cycles** [1111]. **-cyclotomic** [1325]. **-derivations** [96]. **-dimensional** [323, 679, 786]. **-equivalence** [283, 284, 498]. **-espaces** [409]. **-expansions** [1259]. **-extension** [645]. **-extensions** [26, 153, 382, 500, 645, 836, 860, 891, 990, 1056, 1083, 1150, 1157, 1296, 1454, 1568, 1625]. **-forms** [458]. **-free** [844, 1055]. **-function** [1030, 1167, 1422]. **-Functions** [23, 36, 70, 72, 100, 103, 108, 137, 152, 169, 171, 184, 197, 307, 430, 446, 452, 621, 722, 735, 791, 848, 888, 924, 1005, 1032, 1066, 1081, 1101, 1132, 1148, 1177, 1196, 1198, 1208, 1291, 1319, 1336, 1362, 1409, 1429, 1463, 1576, 1579, 1592, 1665, 1677, 1691, 1698]. **-group** [121, 729]. **-Groupe** [121, 729]. **-groups** [505, 1404]. **-Hypermonogenic** [1240]. **-ideals** [153]. **-ièmes** [1353]. **-invariant** [1149]. **-invariants** [132, 314, 568, 990, 1292, 1704]. **-lattices** [78, 1657]. **-linéaires** [1574]. **-linear** [81, 1574]. **-Mahler** [1172]. **-modules** [574, 1115]. **-monomials** [318]. **-motifs** [421, 1489]. **-motives** [963, 1365]. **-multinomial** [228]. **-orbits** [1661]. **-orderings** [474]. **-power** [203, 526]. **-powers** [1506]. **-primary** [276]. **-ramified** [1625, 1686]. **-rank** [208, 311, 453, 466, 1321, 1701]. **-ranks** [75]. **-rational** [26, 395, 730, 1517]. **-rationnels** [26]. **-reducing** [198]. **-réduisants** [198]. **-regular** [344]. **-revêtements** [283]. **-Selmer** [1581]. **-sequences** [622]. **-series** [48, 129, 459, 608, 677, 713, 769, 780, 1176]. **-sextuple** [1368]. **-sheaves** [434, 524, 769]. **-space** [822]. **-split** [1686]. **-submodules** [500]. **-sums** [1024]. **-Sylow** [181]. **-th** [108, 392, 934, 1044, 1445, 1595]. **-theorems** [50]. **-théorie** [729]. **-theory** [69, 729, 998]. **-torsion** [56, 755, 1190, 1390]. **-tower** [1683]. **-transform** [744]. **-tuples** [224, 1025, 1038]. **-twisted** [780]. **-type** [71, 816]. **-unit** [1160]. **-unités** [121]. **-universality** [1110, 1217]. **-values** [650, 1130, 1654]. **-variable** [915]. **-vector** [409]. **-zeros** [1704]. **-zeta** [1610].

**1** [920]. **102** [589, 629]. **104** [1017]. **107** [1712, 1715]. **109** [126, 1714]. **10th** [533]. **110** [953]. **114** [1062]. **120** [263]. **124** [1296]. **125** [1709]. **127** [1391]. **128** [1688, 1713]. **129** [1533, 1710, 1711, 1716]. **12th** [701]. **144** [25].

**216** [84].

**450** [83].

**73** [83].

**89** [263].

**92** [453]. **95** [760]. **99** [628]. **9th** [701].

**=1** [608, 697].

**A.** [886, 1133]. **ABC** [31, 59, 342, 369, 696, 1168, 1266, 1389]. **abc-conjecture** [342]. **ABC-hits** [1389]. **Abelian** [1, 21, 47, 71, 83, 125, 148, 184, 201, 207, 298, 301, 306, 311, 329, 334, 345, 394, 416, 453, 500, 509, 549, 552, 553, 611, 612, 626, 647, 662, 697, 774, 815, 816, 828, 860, 890, 931, 998, 1024, 1041, 1042, 1121, 1163, 1190, 1218, 1238, 1267, 1465, 1514, 1579, 1594, 1620, 1660, 1679, 1716]. **abélienne** [125]. **abéliennes** [207]. **absolute** [75, 224, 1227, 1305]. **absolutely** [298]. **Abu** [1713]. **abundancy** [1369]. **action** [316]. **Actions** [1346, 1371, 1414]. **Adams** [671]. **Addendum** [453, 485, 1391, 1709]. **addition** [122, 404, 940, 1646]. **additional** [1023]. **Additive** [37, 115, 188, 331, 424, 534, 624, 665, 1058, 1123, 1415, 1515, 1597, 1703]. **additives** [1123]. **Adelic** [184, 1545]. **Adic** [2, 25, 58, 69, 80, 96, 100, 119, 168, 180, 187, 235, 255, 353, 446, 452, 476, 510, 604, 607, 625, 654, 688, 697, 724, 734, 792, 807, 850, 968, 1017, 1036, 1090, 1135, 1361, 1403, 1411, 1422, 1469, 1640, 1656, 1702, 1704]. **adics** [708]. **adiques** [850]. **adjoint** [505, 1422]. **admissible** [1082]. **affine** [1346, 1627, 1699]. **AGM** [1407]. **Aiba** [886]. **algebra** [1705]. **Algebraic** [34, 43, 68, 95, 136, 196, 207, 235, 250, 254, 318, 385, 388, 497, 557, 571, 617, 634, 684, 690, 773, 792, 926, 988, 1070, 1091, 1131, 1195, 1220, 1310, 1411, 1414, 1421, 1568, 1688, 1706, 1712]. **algebraicity** [652]. **algebraischen** [68]. **algebras** [61, 157, 272, 330, 414, 638, 759, 1227, 1460, 1524, 1698]. **algébrique** [207]. **algébriques** [43, 95, 385, 1195]. **algorithm** [1526, 1637]. **algorithms** [784, 1647]. **almost** [1025, 1094]. **Alon** [1682]. **along** [821]. **alternate** [619]. **alternating** [246]. **ambiges** [516]. **ambiguous** [140, 516]. **among** [1537, 1546]. **amplitudes** [1509]. **analogous** [217, 1381]. **Analogue** [30, 33, 100, 126, 482, 533, 535, 780, 1082, 1338, 1440, 1606]. **analogues** [1009, 1281]. **analysis** [432, 1446]. **analytic** [390, 524, 544, 576, 934, 1344, 1419, 1619, 1650]. **Anderson** [1497, 1532]. **angled** [1088]. **Ankeny** [248]. **anneau** [1370]. **Answers** [1703]. **Antoniadis** [86].

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