

Homework 5

Due on March 8th 2012

Distributed multi-threaded matrix-matrix multiplication

- Based on the distributed matrix-matrix multiplication from the previous homework
 - Use the same data distribution
- Local computations should be done using multiple threads collaborating toward a faster execution
- Compare the performance of your approach with:
 - A **single process per node** using multi-threaded MKL
 - A **single process per core** using sequential MKL or ATLAS
- Provide the source code and a report (a pdf document)

