

מחשוב מקבילי ומבוזר

תרגיל #7

The purpose of this exercise is to compare development in different environments – MPI, OpenMP, CUDA

Define two matrixes of integers, both of same size **N x M**.

Find if these matrices are equal.

Develop three solutions using three different environments:

- MPI only, two machines, four cores each.
- OpenMp, four cores, one machine.
- CUDA only – one machine, one CPU thread

Organize your computations such that the applications stops as soon as possible when inequality is identified.

בהצלחה