

# Tiling Matrices Experiment

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This assignment investigates tiling as a way to improve the efficiency of matrix operations.

**Implementation:** You should implement matrix transpose and matrix-matrix multiplication with and without tiling in your favorite programming language and environment.

**Assignment:** Design and perform an experiment to compare the programs, without tiling and for different tile sizes. Do your results suggest a performance difference?

**As a bonus question:** Can your results explained with (a variant of) the I/O-model? Can you identify a bottleneck? How close to a theoretical peak performance of your computer do your implementations get?