

## Exercise 4

To compile: unzip our uploaded code, and run `make` inside `code/`. The slurm scripts are stored inside `code/slurm/`. To debug: run the debug outputs (\*.dbg) and attach gdb to respective pids

### 4.1 Reading

### 4.2 Matrix multiply — parallel version using MPI

### 4.3 Matrix multiply — scaling process count

nodes	GFLOPS64/s
1	1.55161
3	2.28341
5	2.89719
7	3.89113
9	4.90389
11	5.42166
13	6.30550
15	7.30316

### 4.4 Matrix multiply — scaling problem size

feqw

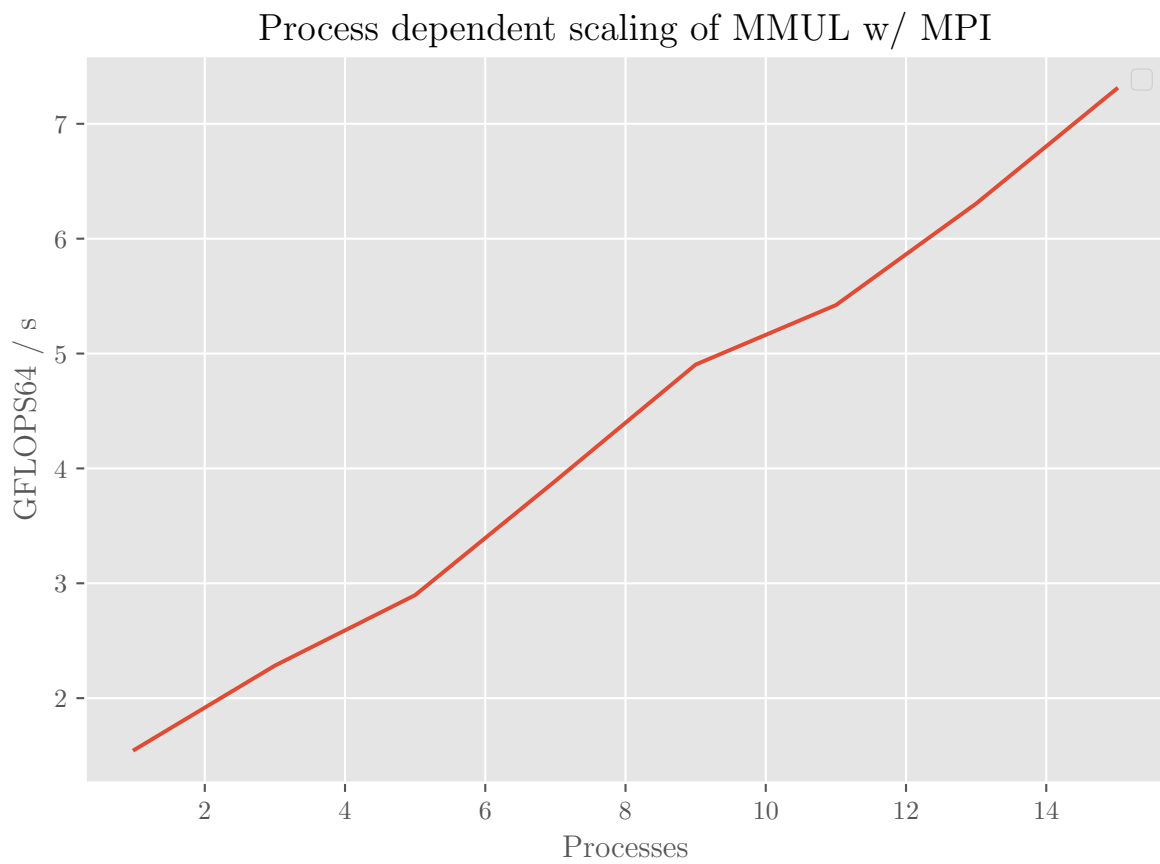


Figure 1: Scaling Process Count