AMATH583 Homework 3

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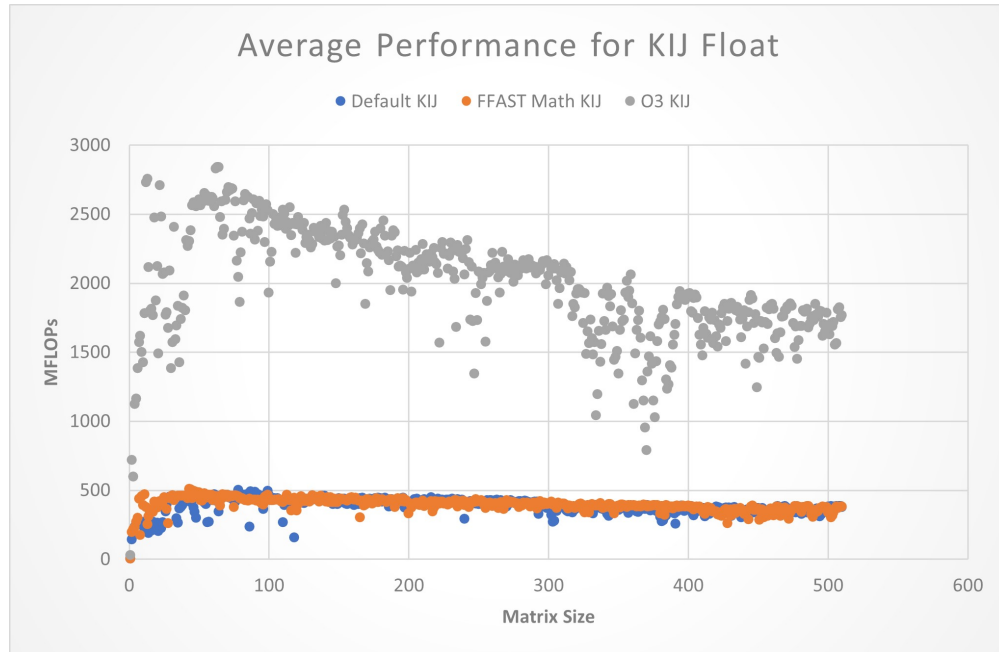

Figure 1: The performance of the *kij* test using *default, -ffast-math*, and *-O3* optimizations. The *-ffast-math* optimization flag does not seem to produce noticeably better results than *-O3*.
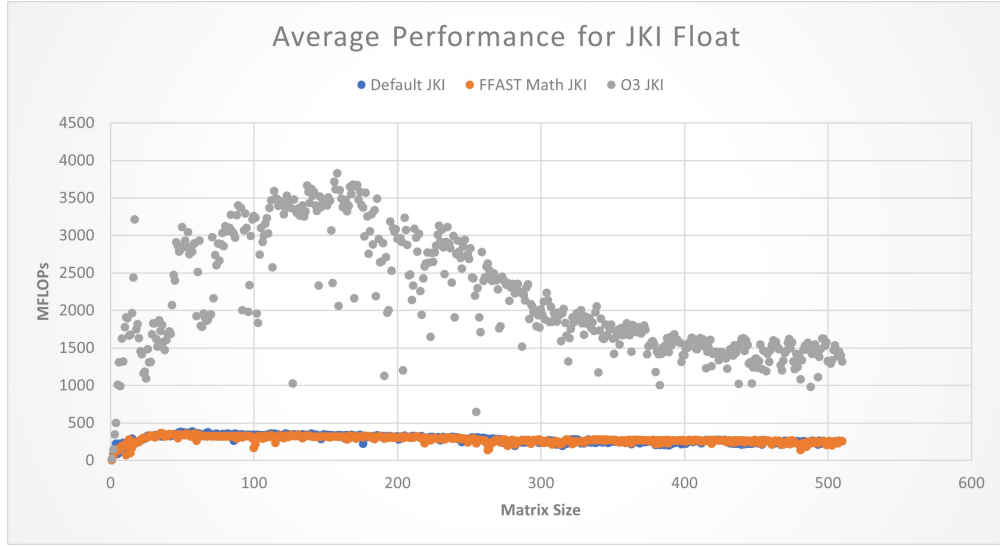
Figure 2: The performance of the *jki* test using *default, -ffast-math*, and *-O3* optimizations. Again, the *-ffast-math* does not seem to produce noticeably better results than *-O3*.
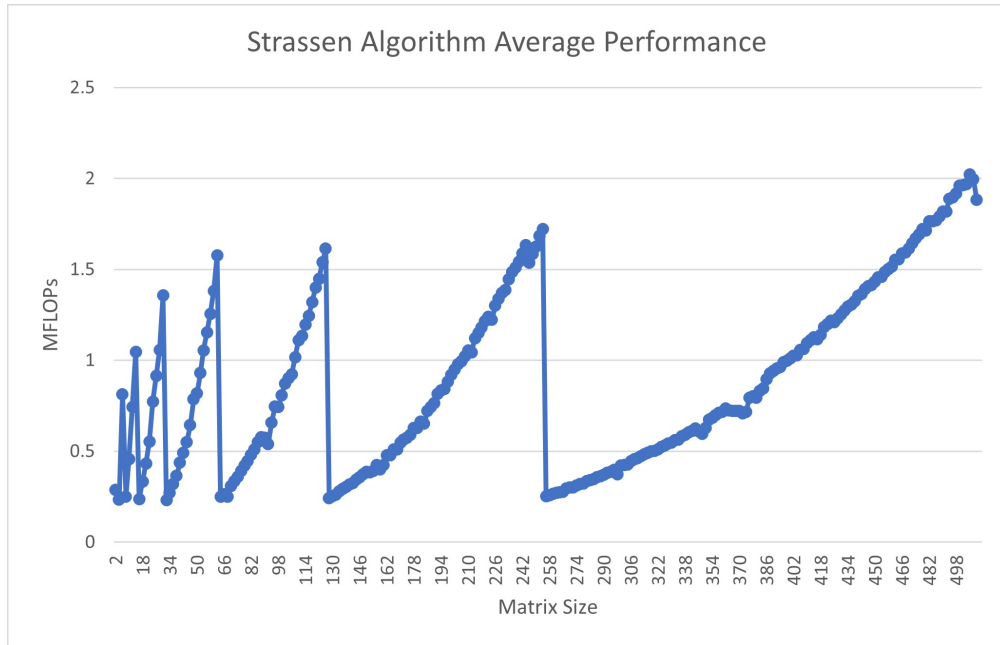

Figure 3: The performance of the recursive Strassen matrix multiplication algorithm.