Preliminary Study for supporting subroutine in Strassen

November 24, 2015

1 Single-core Strassen Algorithm Performance

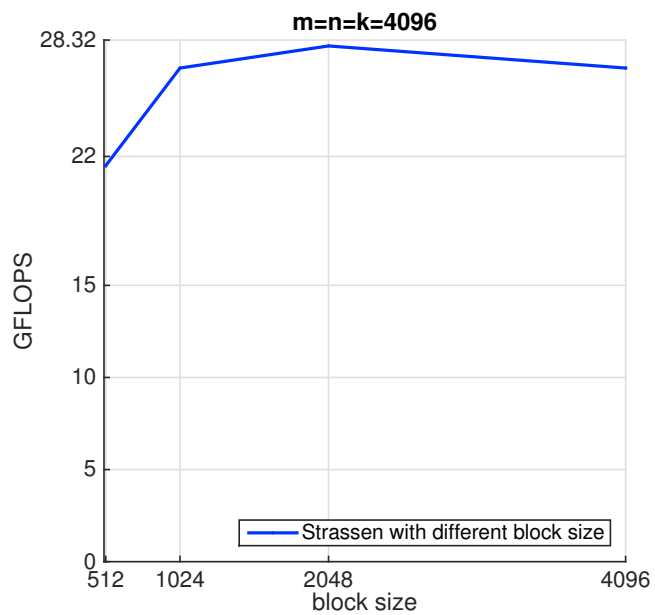## 2 Subroutine D=A*(B+C) implemented with BLIS framework

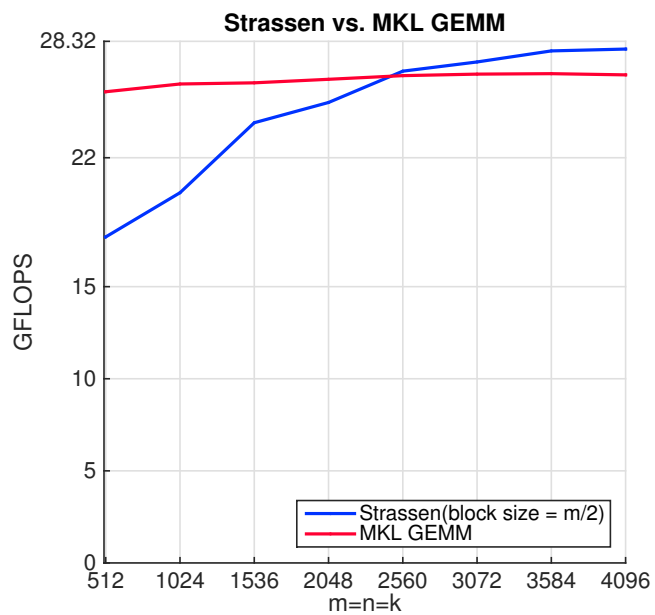Figure 1: Strassen algorithm with different block sizes

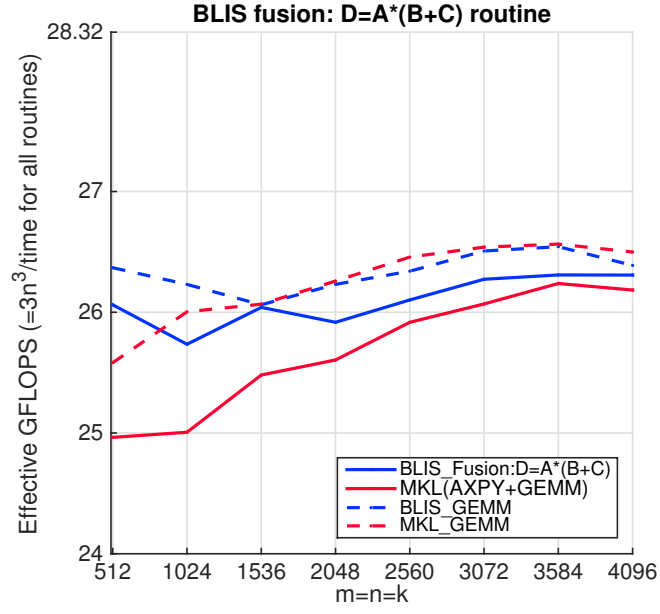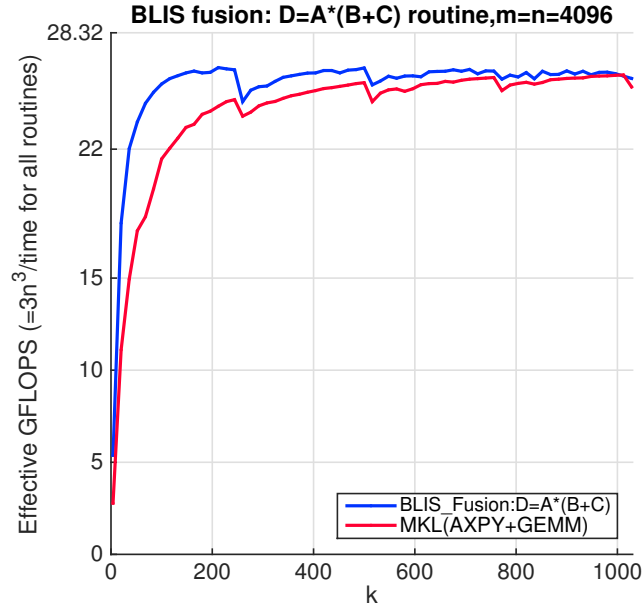Figure 2: Strassen algorithm with different problem sizes

Figure 3: Performance of $D = A * (B + C)$ routine

Figure 4: Performance of $D = A * (B + C)$ routine

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