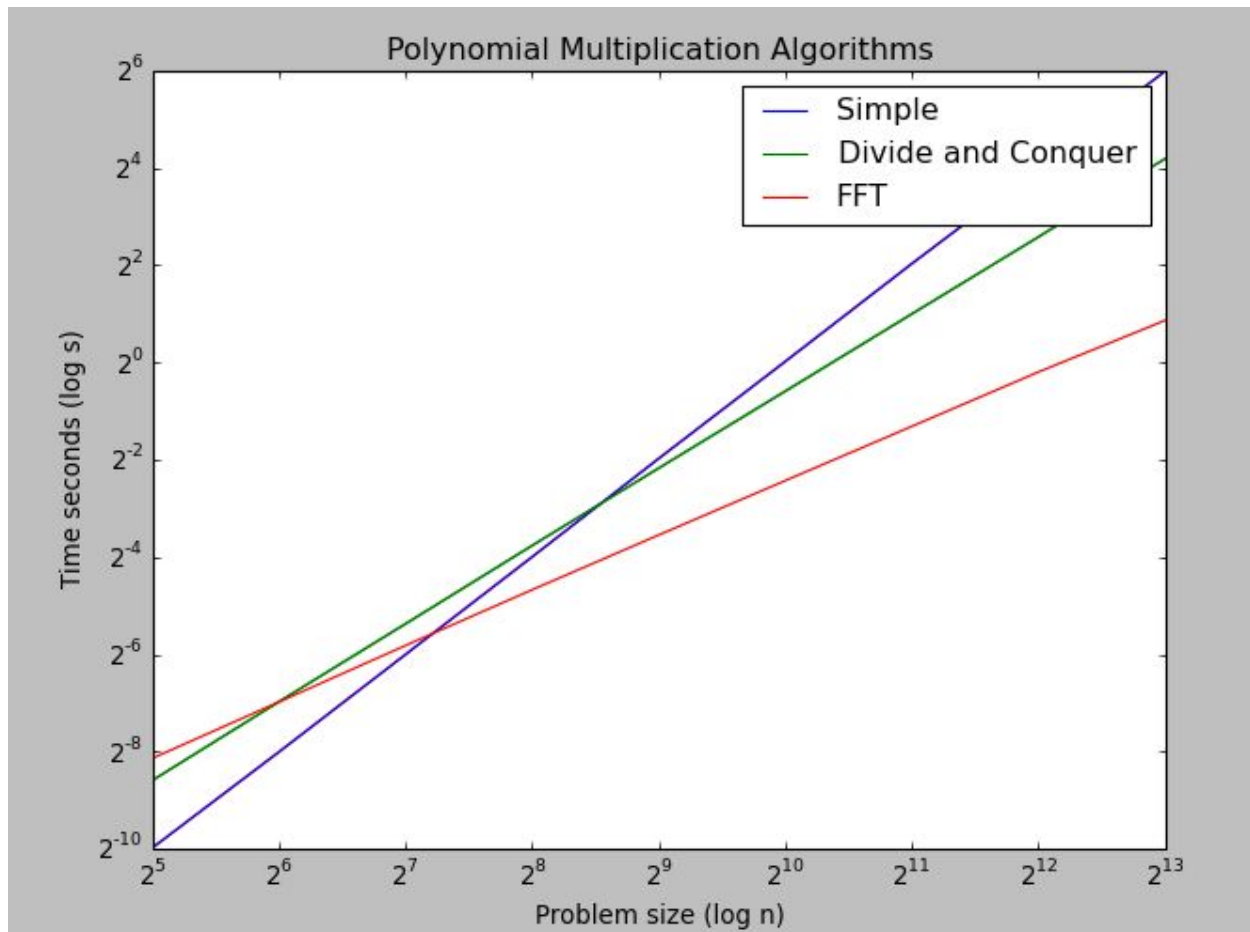


FFT Polynomial Multiplication



Crossing points:

FFT & Divide and Conquer: (62, 0.0075)

FFT & Simple: (147.52, 0.02075)

The FFT line is linear because the order is $n \log n$ so it is expected on a log log graph to have a nearly linear performance line.

With the CPU limit set at 10 minutes:

Simple: $n = 16384$ (9 seconds over the ten minute max with $n = 32768$)

Divide and Conquer: $n = 65536$

FFT: $n = 2097152$