

Table 1: Computation time with and without FFT acceleration (in seconds)

n ($T = 1$)	100	250	500	1000	2500	5000
With FFT	0.0029	0.0073	0.0163	0.0383	0.2952	1.0789
Without FFT	0.0104	0.0586	0.2333	0.9208	5.8149	23.1063