

# Estimated runtimes of different solution methods

Solution technique

TT-solve (original)	1.66e+23	6.46e+19	1.96e+14	6.68e+08	1.50e+12	1.68e+12	5.00e+16
Gaussian elimination	2.17e+12	5.36e+09	9.34e+09	1.10e+10	1.13e+10	2.16e+11	4.03e+09
Conjugate Gradient	<u>1.02e+09</u>	8.78e+09	5.23e+10	4.24e+10	2.61e+12	2.90e+11	6.84e+09
TT-solve (improved)	2.99e+10	<u>9.19e+08</u>	<u>3.89e+08</u>	<u>3.83e+08</u>	<u>4.76e+08</u>	<u>1.12e+09</u>	<u>2.70e+08</u>
	Pres_Poisson	bcsstk13	ex10	ex10hs	ex13	ex15	ex3

Matrix name

Runtime estimate

