WS6: Linear Systems of Equations and Stiff ODEs

Jackie Villadsen

January 23, 2012

1 Solving Large Linear Systems of Equations

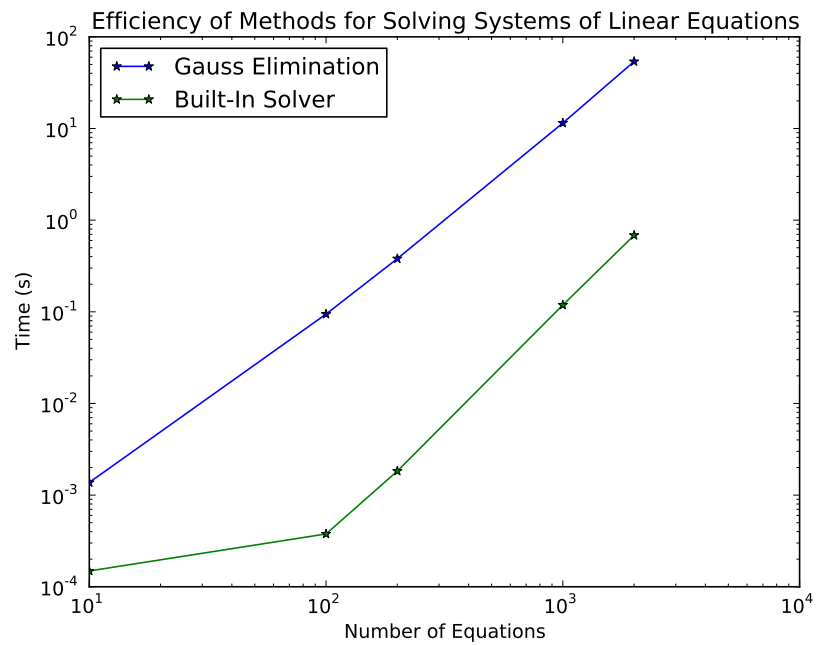Blah de blah

Figure 1: Blah de blah.

2 Stiff ODE Systems

Boom-de-yada.

i	Number of Equations	Time (s) for Gauss Elimination	Time (s) for Built-In Solver
1	10	1.4e-3	1.5e-4
2	100	9.4e-2	3.8e-4
3	200	0.38	1.8e-3
4	1000	11	1.2e-1
5	2000	54	0.68