

## No. of iterations

	Jacobi	Gauss-Seidel
44	55	19
74	86	29
140	150	51

	SOR ( $\omega = 1.3$ )	SOR ( $\omega = 1.5$ )	SOR ( $\omega = 1.8$ )
44	11	18	55
74	16	17	52
140	30	19	56

## Spectral Radius: $\rho(\mathbf{G})$

	Jacobi	Gauss-Seidel
44	0.8120	0.6653
74	0.8828	0.7828
140	0.9411	0.8867

	SOR ( $\omega = 1.3$ )	SOR ( $\omega = 1.5$ )	SOR ( $\omega = 1.8$ )
44	0.3475	0.5376	0.8168
74	0.5925	0.5499	0.8185
140	0.7892	0.6270	0.8155

## General Convergence Rate: $\tau = -\ln(\rho(\mathbf{G}))$

	Jacobi	Gauss-Seidel
44	0.2082	0.4475
74	0.1247	0.2449
140	0.0607	0.1202

	SOR ( $\omega = 1.3$ )	SOR ( $\omega = 1.5$ )	SOR ( $\omega = 1.8$ )
44	1.0569	0.6206	0.2024
74	0.5234	0.5981	0.2003
140	0.2368	0.4668	0.2040