

# Table of Results

i	j	T (Gauss - Seidel)	T (Time Marching	T (PSOR)
11	1	100	100	100
11	2	90.000671	90.000671	90.000839
11	3	80.25032	80.25032	80.250648
11	4	70.966095	70.966095	70.966599
11	5	62.311859	62.311859	62.312523
11	6	54.390808	54.390808	54.391624
11	7	47.249847	47.249847	47.25079
11	8	40.890518	40.890518	40.891563
11	9	35.281956	35.281956	35.283112
11	10	30.37281	30.37281	30.374084
11	11	26.100832	26.100832	26.102224
11	12	22.399801	22.399801	22.401297
11	13	19.204161	19.204161	19.205744
11	14	16.451849	16.451849	16.453506
11	15	14.085817	14.085817	14.087553
11	16	12.054682	12.054682	12.056486
11	17	10.31282	10.31282	10.314673
11	18	8.820137	8.820137	8.822021
11	19	7.541649	7.541649	7.543535
11	20	6.446999	6.446999	6.44891
11	21	5.509941	5.509941	5.511847
11	22	4.707851	4.707851	4.709742
11	23	4.021261	4.021261	4.023126
11	24	3.433441	3.433441	3.435267

11	25	2.93003	2.93003	2.931804
11	26	2.498699	2.498699	2.500411
11	27	2.128871	2.128871	2.13051
11	28	1.811466	1.811466	1.813024
11	29	1.538681	1.538681	1.540151
11	30	1.30381	1.30381	1.305184
11	31	1.101072	1.101072	1.10234
11	32	0.925476	0.925476	0.926632
11	33	0.772697	0.772697	0.773736
11	34	0.638972	0.638972	0.63989
11	35	0.521006	0.521006	0.521797
11	36	0.415889	0.415889	0.416551
11	37	0.321031	0.321031	0.321562
11	38	0.234092	0.234092	0.23449
11	39	0.152926	0.152926	0.153191
11	40	0.075532	0.075532	0.075664
11	41	0	0	0

**Number of Iterations**

574

574

52

## **T (Analytical)**

100

90.000526

80.280838

71.012566

62.359589

54.428925

47.272415

40.895931

35.271561

30.34944

26.067818

22.360302

19.160894

16.40699

14.040986

12.011051

10.271183

8.78099

7.50528

6.413527

5.479383

4.680138

3.996272

3.411027

2.910019

2.480915

2.113135

1.797603

1.526528

1.29321

1.091883

0.917567

0.765953

0.63329

0.516296

0.412076

0.318053

0.231899

0.151483

0.074816

0

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