

	Total DoF	V DoF	Q DoF	# iters	Soln Time	V-L2	V-order	P-L2	P-order
0	59	50	9	15	3.33e-04	2.00e+00	0.00	1.71e+01	0.00
1	187	162	25	41	1.48e-03	2.49e-01	3.01	3.18e+00	2.42
2	659	578	81	53	8.07e-03	3.08e-02	3.02	7.33e-01	2.12
3	2467	2178	289	58	3.90e-02	3.82e-03	3.01	1.81e-01	2.02
4	9539	8450	1089	62	2.60e-01	4.77e-04	3.00	4.51e-02	2.00
5	37507	33282	4225	67	1.38e+00	5.96e-05	3.00	1.13e-02	2.00
6	148739	132098	16641	71	8.61e+00	7.45e-06	3.00	2.82e-03	2.00
7	592387	526338	66049	74	5.37e+01	9.40e-07	2.99	7.10e-04	1.99

Table 1: TH - polynomial functions

	Total DoF	V DoF	Q DoF	# iters	Soln Time	V-L2	V-order	P-L2	P-order
0	96	72	24	37	7.55e-04	1.80e+00	0.00	17.10	0.00
1	360	264	96	46	3.97e-03	2.30e-01	2.97	4.72	1.86
2	1392	1008	384	53	2.88e-02	2.69e-02	3.10	1.23	1.95
3	5472	3936	1536	58	2.69e-01	3.08e-03	3.12	0.31	1.98
4	21696	15552	6144	62	2.06e+00	3.60e-04	3.10	0.08	1.99
5	86400	61824	24576	66	1.61e+01	4.30e-05	3.06	0.02	1.99
6	344832	246528	98304	69	1.23e+02	5.25e-06	3.04	0.00	2.00

Table 2: BDM - polynomial functions

	Total DoF	V DoF	Q DoF	# iters	Soln Time	V-L2	V-order	P-L2	P-order
0	59	50	9	11	3.11e-04	1.11e-01	0.00	2.24e-01	0.00
1	187	162	25	29	1.23e-03	4.31e-02	1.37	6.84e-02	1.71
2	659	578	81	45	7.77e-03	5.49e-03	2.97	3.79e-03	4.17
3	2467	2178	289	50	3.51e-02	6.94e-04	2.98	9.14e-04	2.05
4	9539	8450	1089	54	2.28e-01	8.70e-05	3.00	2.74e-04	1.74
5	37507	33282	4225	56	1.21e+00	1.09e-05	3.00	7.20e-05	1.93
6	148739	132098	16641	60	7.88e+00	1.36e-06	3.00	1.82e-05	1.98
7	592387	526338	66049	63	4.95e+01	1.70e-07	3.00	4.71e-06	1.95

Table 3: TH - trigonometric functions

	Total DoF	V DoF	Q DoF	# iters	Soln Time	V-L2	V-order	P-L2	P-order
0	96	72	24	37	7.55e-04	1.80e+00	0.00	17.10	0.00
1	360	264	96	46	3.97e-03	2.30e-01	2.97	4.72	1.86
2	1392	1008	384	53	2.88e-02	2.69e-02	3.10	1.23	1.95
3	5472	3936	1536	58	2.69e-01	3.08e-03	3.12	0.31	1.98
4	21696	15552	6144	62	2.06e+00	3.60e-04	3.10	0.08	1.99
5	86400	61824	24576	66	1.61e+01	4.30e-05	3.06	0.02	1.99
6	344832	246528	98304	69	1.23e+02	5.25e-06	3.04	0.00	2.00

Table 4: BDM - trigonometric functions