

	Total DoF	V DoF	Q DoF	# iters	Soln Time	V-L2	V-order	$ \text{div } u_h $	P-L2	P-order
0	59	50	9	9	0.01	2.01e+00	0.00	-1.55e-15	1.72e+01	0.00
1	187	162	25	25	0.00	2.49e-01	3.01	1.14e-15	3.18e+00	2.43
2	659	578	81	37	0.01	3.08e-02	3.02	4.34e-16	7.33e-01	2.12
3	2467	2178	289	41	0.03	3.82e-03	3.01	7.86e-16	1.81e-01	2.02
4	9539	8450	1089	41	0.18	4.77e-04	3.00	9.73e-17	4.51e-02	2.00
5	37507	33282	4225	43	1.08	5.96e-05	3.00	2.19e-16	1.13e-02	2.00
6	148739	132098	16641	43	6.68	7.45e-06	3.00	9.62e-17	2.82e-03	2.00
7	592387	526338	66049	45	47.65	9.31e-07	3.00	-1.03e-16	7.05e-04	2.00

Table 1: TH - polynomial functions

	Total DoF	V DoF	Q DoF	# iters	Soln Time	V-L2	V-order	$ \text{div } u_h $	P-L2	P-order
0	96	72	24	25	6.12e-04	1.80e+00	0.00	4.44e-15	17.10	0.00
1	360	264	96	33	3.37e-03	2.30e-01	2.97	7.77e-16	4.72	1.86
2	1392	1008	384	35	2.41e-02	2.69e-02	3.10	-3.62e-15	1.23	1.95
3	5472	3936	1536	37	2.17e-01	3.08e-03	3.12	-1.51e-15	0.31	1.98
4	21696	15552	6144	39	1.72e+00	3.60e-04	3.10	-3.85e-17	0.08	1.99
5	86400	61824	24576	39	1.38e+01	4.30e-05	3.06	1.24e-15	0.02	1.99
6	344832	246528	98304	41	1.37e+02	5.25e-06	3.04	8.65e-16	0.00	2.00

Table 2: BDM - polynomial functions