

# 1 Inuence of stencil size in convergence order

- $n_1 \equiv$  Stencil size of conservative reconstructions in the cells
- $n_2 \equiv$  Stencil size of conservative reconstructions in the boundaries
- $n_3 \equiv$  Stencil size of non-conservative reconstructions in the interfaces
- $d \equiv$  Degree of polynomial reconstruction

Note: For odd stencils away from the boundaries, the extra cell was appended to the **left** side.  
 Example used:  $\phi(x) = \exp(x)$ ,  $\kappa(x) = 1$ , and  $u(x) = 0$ .

Table 1:  $n_1 = n_2 = n_3 = d + 1$ ,  $\omega = 1|1$ .

		PRO1		PRO2	
	$l$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	1.18E−02	—	6.00E−03	—
	30	5.49E−03	1.88	2.70E−03	1.97
	40	3.30E−03	1.77	1.53E−03	1.98
	100	6.07E−04	1.85	2.47E−04	1.99
$\mathbb{P}_2$	20	1.49E−04	—	1.19E−04	—
	30	4.56E−05	2.92	3.62E−05	2.93
	40	1.95E−05	2.94	1.55E−05	2.95
	100	2.81E−06	2.11	1.45E−06	2.58
$\mathbb{P}_3$	20	4.96E−06	—	2.72E−06	—
	30	1.04E−06	3.86	5.53E−07	3.93
	40	3.37E−07	3.91	1.77E−07	3.95
	100	9.06E−09	3.95	4.65E−09	3.97
$\mathbb{P}_4$	20	1.08E−07	—	5.75E−08	—
	30	1.51E−08	4.85	7.79E−09	4.93
	40	3.79E−09	4.81	1.88E−09	4.95
	100	5.19E−11	4.68	2.07E−11	4.92
$\mathbb{P}_5$	20	5.85E−09	—	2.03E−09	—
	30	5.52E−10	5.82	1.89E−10	5.86
	40	1.02E−10	5.88	3.46E−11	5.90
	100	4.45E−13	5.93	1.61E−13	5.86

Table 2:  $n_1 = n_2 = n_3 = d + 1$ ,  $\omega = 3|1$ .

	$l$	PRO1		PRO2	
		$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	6.78E−02	—	7.36E−03	—
	30	4.12E−02	1.23	3.32E−03	1.96
	40	2.78E−02	1.37	1.88E−03	1.97
	100	6.57E−03	1.57	3.05E−04	1.99
$\mathbb{P}_2$	20	1.36E−04	—	1.24E−04	—
	30	4.22E−05	2.89	3.75E−05	2.94
	40	1.82E−05	2.92	1.60E−05	2.96
	100	2.25E−06	2.28	1.32E−06	2.73
$\mathbb{P}_3$	20	2.07E−06	—	2.73E−06	—
	30	4.20E−07	3.94	5.56E−07	3.93
	40	1.34E−07	3.96	1.78E−07	3.95
	100	3.52E−09	3.98	4.69E−09	3.97
$\mathbb{P}_4$	20	6.08E−08	—	5.81E−08	—
	30	9.13E−09	4.67	7.85E−09	4.94
	40	2.30E−09	4.79	1.89E−09	4.96
	100	4.10E−11	4.40	2.33E−11	4.80
$\mathbb{P}_5$	20	4.40E−09	—	2.05E−09	—
	30	4.10E−10	5.85	1.90E−10	5.87
	40	7.53E−11	5.89	3.47E−11	5.91
	100	3.21E−13	5.96	1.55E−13	5.90

Table 3:  $n_1 = d$ ,  $n_2 = n_3 = d + 1$ ,  $\omega = 1|1$ .

		PRO1		PRO2	
	$l$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	8.83E−03	—	6.00E−03	—
	30	5.10E−03	1.36	2.70E−03	1.97
	40	3.52E−03	1.28	1.53E−03	1.98
	100	1.20E−03	1.18	2.47E−04	1.99
$\mathbb{P}_2$	20	1.19E−04	—	1.19E−04	—
	30	3.62E−05	2.93	3.62E−05	2.93
	40	1.55E−05	2.95	1.55E−05	2.95
	100	1.45E−06	2.58	1.45E−06	2.58
$\mathbb{P}_3$	20	2.76E−06	—	2.72E−06	—
	30	5.62E−07	3.93	5.53E−07	3.93
	40	1.81E−07	3.95	1.77E−07	3.95
	100	7.00E−09	3.55	4.65E−09	3.97
$\mathbb{P}_4$	20	5.75E−08	—	5.75E−08	—
	30	7.79E−09	4.93	7.79E−09	4.93
	40	1.88E−09	4.95	1.88E−09	4.95
	100	2.07E−11	4.92	2.07E−11	4.92
$\mathbb{P}_5$	20	2.11E−09	—	2.03E−09	—
	30	1.97E−10	5.84	1.89E−10	5.86
	40	3.62E−11	5.89	3.46E−11	5.90
	100	1.59E−13	5.93	1.61E−13	5.86

Table 4:  $n_1 = d$ ,  $n_2 = n_3 = d + 1$ ,  $\omega = 3|1$ .

		PRO1		PRO2	
	$I$	$E_{0,I}(E_\infty)$	$E_{0,I}(O_\infty)$	$E_{0,I}(E_\infty)$	$E_{0,I}(O_\infty)$
$\mathbb{P}_1$	20	8.80E−03	—	7.36E−03	—
	30	5.07E−03	1.36	3.32E−03	1.96
	40	3.51E−03	1.27	1.88E−03	1.97
	100	1.20E−03	1.18	3.05E−04	1.99
$\mathbb{P}_2$	20	1.24E−04	—	1.24E−04	—
	30	3.75E−05	2.94	3.75E−05	2.94
	40	1.60E−05	2.96	1.60E−05	2.96
	100	1.32E−06	2.73	1.32E−06	2.73
$\mathbb{P}_3$	20	2.77E−06	—	2.73E−06	—
	30	5.65E−07	3.92	5.56E−07	3.93
	40	1.82E−07	3.94	1.78E−07	3.95
	100	7.51E−09	3.48	4.69E−09	3.97
$\mathbb{P}_4$	20	5.81E−08	—	5.81E−08	—
	30	7.85E−09	4.94	7.85E−09	4.94
	40	1.89E−09	4.96	1.89E−09	4.96
	100	2.33E−11	4.80	2.33E−11	4.80
$\mathbb{P}_5$	20	2.13E−09	—	2.05E−09	—
	30	1.98E−10	5.86	1.90E−10	5.87
	40	3.64E−11	5.90	3.47E−11	5.91
	100	1.58E−13	5.94	1.55E−13	5.90

Table 5:  $n_1 = d + 1$ ,  $n_2 = d$ ,  $n_3 = d + 1$ ,  $\omega = 1|1$ .

		PRO1		PRO2	
	$l$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	2.27E−02	—	1.11E−03	—
	30	1.12E−02	1.74	4.97E−04	1.98
	40	6.66E−03	1.81	2.80E−04	1.99
	100	1.18E−03	1.89	4.51E−05	1.99
$\mathbb{P}_2$	20	1.22E−04	—	3.61E−05	—
	30	3.62E−05	2.99	1.70E−05	1.86
	40	1.60E−05	2.84	9.87E−06	1.88
	100	3.20E−06	1.76	1.68E−06	1.93
$\mathbb{P}_3$	20	4.52E−06	—	1.37E−06	—
	30	9.36E−07	3.88	2.84E−07	3.87
	40	3.03E−07	3.92	9.24E−08	3.91
	100	8.10E−09	3.95	2.48E−09	3.95
$\mathbb{P}_4$	20	1.52E−07	—	7.64E−08	—
	30	2.20E−08	4.76	1.09E−08	4.80
	40	5.48E−09	4.83	2.69E−09	4.87
	100	6.09E−11	4.91	2.98E−11	4.91
$\mathbb{P}_5$	20	6.53E−09	—	4.02E−09	—
	30	6.13E−10	5.83	3.73E−10	5.86
	40	1.13E−10	5.88	6.83E−11	5.90
	100	4.94E−13	5.93	3.02E−13	5.92

Table 6:  $n_1 = d + 1$ ,  $n_2 = d$ ,  $n_3 = d + 1$ ,  $\omega = 3|1$ .

		PRO1		PRO2	
	$l$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	7.71E-02	—	1.11E-03	—
	30	4.59E-02	1.28	4.97E-04	1.98
	40	3.06E-02	1.40	2.80E-04	1.99
	100	7.14E-03	1.59	4.51E-05	1.99
$\mathbb{P}_2$	20	7.13E-05	—	3.61E-05	—
	30	2.22E-05	2.88	1.70E-05	1.86
	40	1.25E-05	2.00	9.87E-06	1.88
	100	2.50E-06	1.76	1.68E-06	1.93
$\mathbb{P}_3$	20	2.41E-06	—	1.37E-06	—
	30	4.97E-07	3.90	2.84E-07	3.87
	40	1.61E-07	3.93	9.24E-08	3.91
	100	4.28E-09	3.96	2.48E-09	3.95
$\mathbb{P}_4$	20	1.23E-07	—	7.64E-08	—
	30	1.81E-08	4.72	1.09E-08	4.80
	40	4.53E-09	4.81	2.69E-09	4.87
	100	5.09E-11	4.90	2.98E-11	4.91
$\mathbb{P}_5$	20	6.43E-09	—	4.02E-09	—
	30	6.00E-10	5.85	3.73E-10	5.86
	40	1.10E-10	5.89	6.83E-11	5.90
	100	4.69E-13	5.96	2.99E-13	5.93

Table 7:  $n_1 = n_2 = d$ ,  $n_3 = d + 1$ ,  $\omega = 1|1$  (minimum size).

	$l$	PRO1		PRO2	
		$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	6.14E−03	—	1.11E−03	—
	30	3.88E−03	1.13	4.97E−04	1.98
	40	2.84E−03	1.09	2.80E−04	1.99
	100	1.09E−03	1.05	4.51E−05	1.99
$\mathbb{P}_2$	20	3.61E−05	—	3.61E−05	—
	30	1.70E−05	1.86	1.70E−05	1.86
	40	9.87E−06	1.88	9.87E−06	1.88
	100	1.68E−06	1.93	1.68E−06	1.93
$\mathbb{P}_3$	20	1.89E−06	—	1.37E−06	—
	30	4.77E−07	3.40	2.84E−07	3.87
	40	1.85E−07	3.30	9.24E−08	3.91
	100	9.99E−09	3.18	2.48E−09	3.95
$\mathbb{P}_4$	20	7.64E−08	—	7.64E−08	—
	30	1.09E−08	4.80	1.09E−08	4.80
	40	2.69E−09	4.87	2.69E−09	4.87
	100	2.98E−11	4.91	2.98E−11	4.91
$\mathbb{P}_5$	20	4.05E−09	—	4.02E−09	—
	30	3.77E−10	5.85	3.73E−10	5.86
	40	6.91E−11	5.90	6.83E−11	5.90
	100	2.97E−13	5.95	3.02E−13	5.92

Table 8:  $n_1 = n_2 = d$ ,  $n_3 = d + 1$ ,  $\omega = 3|1$  (minimum size).

		PRO1		PRO2	
	$l$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	6.14E−03	—	1.11E−03	—
	30	3.88E−03	1.13	4.97E−04	1.98
	40	2.84E−03	1.09	2.80E−04	1.99
	100	1.09E−03	1.05	4.51E−05	1.99
$\mathbb{P}_2$	20	3.61E−05	—	3.61E−05	—
	30	1.70E−05	1.86	1.70E−05	1.86
	40	9.87E−06	1.88	9.87E−06	1.88
	100	1.68E−06	1.93	1.68E−06	1.93
$\mathbb{P}_3$	20	1.89E−06	—	1.37E−06	—
	30	4.77E−07	3.40	2.84E−07	3.87
	40	1.85E−07	3.30	9.24E−08	3.91
	100	9.99E−09	3.18	2.48E−09	3.95
$\mathbb{P}_4$	20	7.64E−08	—	7.64E−08	—
	30	1.09E−08	4.80	1.09E−08	4.80
	40	2.69E−09	4.87	2.69E−09	4.87
	100	2.98E−11	4.91	2.98E−11	4.91
$\mathbb{P}_5$	20	4.05E−09	—	4.02E−09	—
	30	3.77E−10	5.85	3.73E−10	5.86
	40	6.91E−11	5.90	6.83E−11	5.90
	100	3.02E−13	5.93	2.99E−13	5.93



Table 9:  $n_1 = n_2 = n_3 = d + 2$ ,  $\omega = 1|1$ .

	$l$	PRO1		PRO2	
		$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	9.41E+02	—	1.10E+13	—
	30	4.52E+05	↑	6.38E+12	1.35
	40	2.69E+08	↑	6.80E+12	↑
	100	6.53E+14	↑	3.75E+12	0.65
$\mathbb{P}_2$	20	6.90E−04	—	3.91E−04	—
	30	2.13E−04	2.89	2.51E−04	1.10
	40	9.19E−05	2.93	5.79E−05	5.09
	100	9.09E−06	2.52	8.62E−06	2.08
$\mathbb{P}_3$	20	1.23E−05	—	1.41E−04	—
	30	2.78E−06	3.68	3.07E−04	↑
	40	9.72E−07	3.66	1.05E−03	↑
	100	5.47E−08	3.14	4.46E+01	↑
$\mathbb{P}_4$	20	4.05E−07	—	4.80E−07	—
	30	5.91E−08	4.75	3.18E−08	6.70
	40	1.47E−08	4.83	9.44E−09	4.22
	100	2.87E−10	4.30	2.51E−10	3.96
$\mathbb{P}_5$	20	1.04E−08	—	1.82E−06	—
	30	1.01E−09	5.74	4.37E−06	↑
	40	1.89E−10	5.82	1.02E−04	↑
	100	1.41E−12	5.35	2.77E+04	↑

Table 10:  $n_1 = n_2 = n_3 = d + 2$ ,  $\omega = 3|1$ .

	$l$	PRO1		PRO2	
		$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	3.81E−02	—	1.62E−02	—
	30	1.76E−02	1.89	7.38E−03	1.94
	40	1.01E−02	1.93	4.31E−03	1.86
	100	1.69E−03	1.96	9.24E−04	1.68
$\mathbb{P}_2$	20	4.53E−04	—	3.42E−04	—
	30	1.40E−04	2.89	1.07E−04	2.87
	40	6.06E−05	2.92	4.62E−05	2.91
	100	4.03E−06	2.96	3.96E−06	2.68
$\mathbb{P}_3$	20	7.59E−06	—	8.02E−06	—
	30	1.60E−06	3.84	1.65E−06	3.90
	40	5.22E−07	3.89	5.32E−07	3.93
	100	1.71E−08	3.73	1.41E−08	3.96
$\mathbb{P}_4$	20	1.68E−07	—	1.92E−07	—
	30	2.28E−08	4.92	2.63E−08	4.91
	40	5.57E−09	4.91	6.37E−09	4.93
	100	1.31E−10	4.09	1.32E−10	4.23
$\mathbb{P}_5$	20	4.46E−09	—	4.79E−09	—
	30	4.28E−10	5.78	4.40E−10	5.89
	40	7.97E−11	5.84	8.02E−11	5.92
	100	4.53E−13	5.64	4.59E−13	5.64

Table 11:  $n_1 = n_2 = d + 1$ ,  $n_3 = d + 2$ ,  $\omega = 1|1$ .

	$l$	PRO1		PRO2	
		$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	1.18E−02	—	9.26E+12	—
	30	5.49E−03	1.88	9.81E+12	↑
	40	3.30E−03	1.77	2.12E+13	↑
	100	6.07E−04	1.85	2.11E+12	2.52
$\mathbb{P}_2$	20	1.49E−04	—	4.42E−04	—
	30	4.56E−05	2.92	3.80E−04	0.37
	40	1.95E−05	2.94	5.89E−05	6.49
	100	2.81E−06	2.11	8.86E−06	2.07
$\mathbb{P}_3$	20	4.96E−06	—	2.65E−04	—
	30	1.04E−06	3.86	5.70E−04	↑
	40	3.37E−07	3.91	1.96E−03	↑
	100	9.06E−09	3.95	8.45E+01	↑
$\mathbb{P}_4$	20	1.08E−07	—	8.19E−07	—
	30	1.51E−08	4.85	3.89E−08	7.51
	40	3.79E−09	4.81	9.84E−09	4.78
	100	5.19E−11	4.68	2.35E−10	4.08
$\mathbb{P}_5$	20	5.85E−09	—	2.95E−06	—
	30	5.52E−10	5.82	7.15E−06	↑
	40	1.02E−10	5.88	1.67E−04	↑
	100	4.45E−13	5.93	3.40E+04	↑

Table 12:  $n_1 = n_2 = d + 1$ ,  $n_3 = d + 2$ ,  $\omega = 3|1$ .

		PRO1		PRO2	
	$l$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	6.78E−02	—	6.49E−03	—
	30	4.12E−02	1.23	3.35E−03	1.63
	40	2.78E−02	1.37	2.16E−03	1.53
	100	6.57E−03	1.57	6.15E−04	1.37
$\mathbb{P}_2$	20	1.36E−04	—	1.40E−04	—
	30	4.22E−05	2.89	4.36E−05	2.88
	40	1.82E−05	2.92	2.51E−05	1.91
	100	2.25E−06	2.28	4.71E−06	1.83
$\mathbb{P}_3$	20	2.07E−06	—	2.85E−06	—
	30	4.20E−07	3.94	5.97E−07	3.85
	40	1.34E−07	3.96	2.41E−07	3.15
	100	3.52E−09	3.98	1.54E−08	3.00
$\mathbb{P}_4$	20	6.08E−08	—	1.08E−07	—
	30	9.13E−09	4.67	1.62E−08	4.68
	40	2.30E−09	4.79	4.09E−09	4.79
	100	4.10E−11	4.40	1.09E−10	3.95
$\mathbb{P}_5$	20	4.40E−09	—	5.43E−09	—
	30	4.10E−10	5.85	5.19E−10	5.79
	40	7.53E−11	5.89	9.64E−11	5.85
	100	3.21E−13	5.96	4.31E−13	5.91

Table 13:  $n_1 = n_2 = n_3 = d + 3$ ,  $\omega = 1|1$ .

	$l$	PRO1		PRO2	
		$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	9.06E−02	—	8.05E+13	—
	30	5.23E−02	1.36	1.06E+14	↑
	40	5.10E−02	0.09	9.52E+13	0.37
	100	5.00E−02	0.02	3.26E+12	3.68
$\mathbb{P}_2$	20	1.44E−03	—	1.06E+12	—
	30	4.45E−04	2.89	2.06E+12	↑
	40	1.92E−04	2.93	1.10E+12	2.18
	100	1.28E−05	2.96	8.96E+12	↑
$\mathbb{P}_3$	20	9.75E−05	—	3.44E−04	—
	30	7.62E−06	6.29	1.76E−04	1.65
	40	3.07E−06	3.16	1.43E−05	8.73
	100	7.25E−08	4.09	2.35E−07	4.48
$\mathbb{P}_4$	20	8.35E−07	—	1.90E−05	—
	30	1.22E−07	4.74	1.91E−03	↑
	40	3.07E−08	4.80	7.11E−04	3.44
	100	4.45E−10	4.62	5.83E+03	↑
$\mathbb{P}_5$	20	1.73E−08	—	7.65E−08	—
	30	1.66E−09	5.79	1.24E−08	4.49
	40	3.02E−10	5.92	9.00E−10	9.12
	100	1.34E−12	5.91	1.19E−10	2.21

Table 14:  $n_1 = n_2 = n_3 = d + 3$ ,  $\omega = 3|1$ .

	$l$	PRO1		PRO2	
		$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	5.07E−02	—	3.64E−02	—
	30	2.30E−02	1.94	1.68E−02	1.91
	40	1.34E−02	1.89	9.60E−03	1.94
	100	2.42E−03	1.87	1.59E−03	1.96
$\mathbb{P}_2$	20	9.77E−04	—	7.26E−04	—
	30	3.05E−04	2.87	2.28E−04	2.86
	40	1.32E−04	2.91	9.89E−05	2.90
	100	8.84E−06	2.95	6.66E−06	2.95
$\mathbb{P}_3$	20	1.80E−05	—	1.72E−05	—
	30	3.76E−06	3.86	3.55E−06	3.89
	40	1.22E−06	3.91	1.15E−06	3.92
	100	3.29E−08	3.95	3.06E−08	3.96
$\mathbb{P}_4$	20	3.93E−07	—	4.77E−07	—
	30	5.40E−08	4.90	6.59E−08	4.88
	40	1.31E−08	4.93	1.60E−08	4.92
	100	2.41E−10	4.36	2.16E−10	4.70
$\mathbb{P}_5$	20	1.23E−08	—	1.40E−08	—
	30	1.14E−09	5.85	1.31E−09	5.85
	40	2.10E−10	5.90	2.40E−10	5.89
	100	9.05E−13	5.94	1.04E−12	5.94

Table 15:  $n_1 = n_2 = d + 2$ ,  $n_3 = d + 3$ ,  $\omega = 1|1$ .

	$l$	PRO1		PRO2	
		$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	9.41E+02	—	7.03E+13	—
	30	4.52E+05	↑	2.65E+14	↑
	40	2.69E+08	↑	1.00E+14	3.38
	100	6.53E+14	↑	2.18E+12	4.18
$\mathbb{P}_2$	20	6.90E−04	—	4.76E+11	—
	30	2.13E−04	2.89	7.50E+11	↑
	40	9.19E−05	2.93	1.45E+11	5.71
	100	9.09E−06	2.52	2.91E+13	↑
$\mathbb{P}_3$	20	1.23E−05	—	4.57E−04	—
	30	2.78E−06	3.68	2.60E−04	1.40
	40	9.72E−07	3.66	2.27E−05	8.48
	100	5.47E−08	3.14	3.62E−07	4.52
$\mathbb{P}_4$	20	4.05E−07	—	2.55E−05	—
	30	5.91E−08	4.75	2.65E−03	↑
	40	1.47E−08	4.83	9.94E−04	3.40
	100	2.87E−10	4.30	8.30E+03	↑
$\mathbb{P}_5$	20	1.04E−08	—	1.09E−07	—
	30	1.01E−09	5.74	1.48E−08	4.94
	40	1.89E−10	5.82	1.26E−09	8.55
	100	1.41E−12	5.35	1.59E−10	2.26

Table 16:  $n_1 = n_2 = d + 2$ ,  $n_3 = d + 3$ ,  $\omega = 3|1$ .

		PRO1		PRO2	
	$l$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$	$E_{0,l}(E_\infty)$	$E_{0,l}(O_\infty)$
$\mathbb{P}_1$	20	3.81E−02	—	2.09E−02	—
	30	1.76E−02	1.89	9.60E−03	1.92
	40	1.01E−02	1.93	5.48E−03	1.95
	100	1.69E−03	1.96	9.02E−04	1.97
$\mathbb{P}_2$	20	4.53E−04	—	3.91E−04	—
	30	1.40E−04	2.89	1.22E−04	2.87
	40	6.06E−05	2.92	5.28E−05	2.91
	100	4.03E−06	2.96	5.75E−06	2.42
$\mathbb{P}_3$	20	7.59E−06	—	6.78E−06	—
	30	1.60E−06	3.84	1.38E−06	3.92
	40	5.22E−07	3.89	4.44E−07	3.94
	100	1.71E−08	3.73	1.17E−08	3.97
$\mathbb{P}_4$	20	1.68E−07	—	1.73E−07	—
	30	2.28E−08	4.92	2.34E−08	4.94
	40	5.57E−09	4.91	6.53E−09	4.43
	100	1.31E−10	4.09	1.65E−10	4.01
$\mathbb{P}_5$	20	4.46E−09	—	4.91E−09	—
	30	4.28E−10	5.78	4.57E−10	5.86
	40	7.97E−11	5.84	8.38E−11	5.89
	100	4.53E−13	5.64	3.71E−13	5.92