

Setting

Ansatz space	DG
Right hand side	linear
Kernel	constant
Horizon δ	0.1
Fractional constant s (Default -1)	-1
Intgr. remote pairs	retriangulate
With caps	True
Quadrule outer element	7
Quadrule inner element	7
Intgr. close pairs (Relevant only if singular)	retriangulate
Singular quad degree	6

Rates

h	dof	L2 Error	Rates
1.00e-01	8.10e+01	2.66e-03	0.00e+00
5.00e-02	3.61e+02	6.47e-04	2.04e+00
2.50e-02	1.52e+03	1.74e-04	1.89e+00
1.25e-02	6.24e+03	4.14e-05	2.07e+00

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Singular quad degree	6

Rates

h	dof	L2 Error	Rates
1.00e-01	8.10e+01	2.66e-03	0.00e+00
5.00e-02	3.61e+02	6.48e-04	2.04e+00
2.50e-02	1.52e+03	1.74e-04	1.89e+00
1.25e-02	6.24e+03	4.15e-05	2.07e+00

Setting

Ansatz space	DG
Right hand side	linear
Kernel	constant
Horizon δ	0.1
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Intgr. remote pairs	baryCenter
With caps	False
Quadrule outer element	7
Quadrule inner element	7
Intgr. close pairs (Relevant only if singular)	baryCenter
Singular quad degree	6

Rates

h	dof	L2 Error	Rates
1.00e-01	8.10e+01	7.80e-02	0.00e+00
5.00e-02	3.61e+02	2.76e-02	1.50e+00
2.50e-02	1.52e+03	7.11e-03	1.96e+00
1.25e-02	6.24e+03	1.09e-03	2.70e+00

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Singular quad degree	6

Rates

h	dof	L2 Error	Rates
1.00e-01	8.10e+01	2.35e-03	0.00e+00
5.00e-02	3.61e+02	5.92e-04	1.99e+00
2.50e-02	1.52e+03	1.57e-04	1.91e+00
1.25e-02	6.24e+03	3.83e-05	2.04e+00

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h	dof	L2 Error	Rates
1.00e-01	8.10e+01	2.35e-03	0.00e+00
5.00e-02	3.61e+02	5.92e-04	1.99e+00
2.50e-02	1.52e+03	1.57e-04	1.91e+00
1.25e-02	6.24e+03	3.83e-05	2.04e+00

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Singular quad degree	6

Rates

h	dof	L2 Error	Rates
1.00e-01	8.10e+01	8.95e-02	0.00e+00
5.00e-02	3.61e+02	2.87e-02	1.64e+00
2.50e-02	1.52e+03	7.66e-03	1.90e+00
1.25e-02	6.24e+03	1.14e-03	2.74e+00

Setting

Ansatz space	DG
Right hand side	linear
Kernel	linearPrototypeMicroelastic
Horizon δ	0.1
Fractional constant s (Default -1)	-0.5
Intgr. remote pairs	retriangulate
With caps	True
Quadrule outer element	7
Quadrule inner element	7
Intgr. close pairs (Relevant only if singular)	retriangulate
Singular quad degree	6

Rates

h	dof	L2 Error	Rates
1.00e-01	8.10e+01	1.15e-01	0.00e+00
5.00e-02	3.61e+02	3.90e-03	4.88e+00
2.50e-02	1.52e+03	1.32e-04	4.89e+00
1.25e-02	6.24e+03	3.17e-05	2.05e+00

Setting

Ansatz space	DG
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Kernel	linearPrototypeMicroelastic
Horizon δ	0.1
Fractional constant s (Default -1)	-0.5
Intgr. remote pairs	retriangulate
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Rates

h	dof	L2 Error	Rates
1.00e-01	8.10e+01	1.15e-01	0.00e+00
5.00e-02	3.61e+02	3.90e-03	4.88e+00
2.50e-02	1.52e+03	1.32e-04	4.88e+00
1.25e-02	6.24e+03	3.15e-05	2.07e+00

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Rates

h	dof	L2 Error	Rates
1.00e-01	8.10e+01	1.15e-01	0.00e+00
5.00e-02	3.61e+02	2.42e-02	2.25e+00
2.50e-02	1.52e+03	6.12e-03	1.98e+00
1.25e-02	6.24e+03	9.78e-04	2.64e+00

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h	dof	L2 Error	Rates
1.00e-01	8.10e+01	1.10e-01	0.00e+00
5.00e-02	3.61e+02	4.07e-03	4.75e+00
2.50e-02	1.52e+03	1.15e-04	5.15e+00
1.25e-02	6.24e+03	2.77e-05	2.05e+00

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5.00e-02	3.61e+02	4.07e-03	4.75e+00
2.50e-02	1.52e+03	1.15e-04	5.15e+00
1.25e-02	6.24e+03	2.77e-05	2.05e+00

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Rates

h	dof	L2 Error	Rates
1.00e-01	8.10e+01	1.11e-01	0.00e+00
5.00e-02	3.61e+02	2.42e-02	2.19e+00
2.50e-02	1.52e+03	6.32e-03	1.94e+00
1.25e-02	6.24e+03	1.01e-03	2.64e+00

Setting

Ansatz space	DG
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Kernel	fractional
Horizon δ	0.1
Fractional constant s (Default -1)	0.5
Intgr. remote pairs	retriangulate
With caps	True
Quadrule outer element	7
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Rates

h	dof	L2 Error	Rates
1.00e-01	8.10e+01	4.11e-02	0.00e+00
5.00e-02	3.61e+02	1.46e-03	4.82e+00
2.50e-02	1.52e+03	1.12e-04	3.71e+00
1.25e-02	6.24e+03	3.39e-05	1.72e+00

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5.00e-02	3.61e+02	1.46e-03	4.81e+00
2.50e-02	1.52e+03	1.11e-04	3.71e+00
1.25e-02	6.24e+03	3.39e-05	1.72e+00

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5.00e-02	3.61e+02	9.81e-03	2.06e+00
2.50e-02	1.52e+03	2.40e-03	2.03e+00
1.25e-02	6.24e+03	4.70e-04	2.35e+00

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2.50e-02	1.52e+03	1.12e-04	3.72e+00
1.25e-02	6.24e+03	2.72e-05	2.04e+00

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2.50e-02	1.52e+03	2.36e-03	2.03e+00
1.25e-02	6.24e+03	4.12e-04	2.52e+00