

				n0	n1	n2	n3	n4	mean	std
Problem	Precision	Algorithm	Num Spatial Points							
Euler	Double	Classic	2048	35.066900	35.075700	35.058000	35.063800	35.061500	35.065180	0.006720
			4096	35.510900	35.525000	35.519800	35.509700	35.506400	35.514360	0.007744
			8192	37.763200	37.762600	37.760300	37.767100	37.770000	37.764640	0.003868
			16384	45.180600	45.180300	45.163900	45.173200	45.180900	45.175780	0.007377
			32768	75.240600	75.243400	75.257300	75.235800	75.242400	75.243900	0.008040
			65536	137.058000	137.060000	137.044000	137.054000	137.043000	137.051800	0.007887
			131072	237.735000	237.727000	237.715000	237.711000	237.721000	237.721800	0.009550
			262144	439.588000	439.638000	439.599000	439.612000	439.603000	439.608000	0.018855
			524288	842.737000	842.924000	842.732000	842.630000	842.759000	842.756400	0.106119
			1048576	1649.140000	1649.460000	1649.270000	1649.070000	1649.400000	1649.268000	0.165741
		Hybrid	2048	40.771400	40.690500	40.763700	40.685700	40.795900	40.741440	0.050152
			4096	42.177900	42.227800	42.205600	42.102200	42.067500	42.156200	0.068596
			8192	43.618100	43.703000	43.706400	43.729400	43.626600	43.676700	0.050732
			16384	70.285400	70.357500	70.298300	70.374200	70.366300	70.336340	0.041294
			32768	107.969000	107.945000	107.862000	107.789000	107.864000	107.885800	0.072178
			65536	188.839000	188.852000	189.018000	188.912000	188.813000	188.886800	0.081839
			131072	373.620000	373.681000	373.549000	373.592000	373.539000	373.596200	0.057608
			262144	740.702000	740.949000	740.431000	740.685000	740.545000	740.662400	0.194645
			524288	1467.090000	1466.940000	1466.900000	1466.970000	1466.830000	1466.946000	0.096073
			1048576	2931.910000	2931.770000	2931.610000	2931.050000	2931.180000	2931.504000	0.373470
		Shared	2048	39.725400	39.707200	39.715000	39.728100	39.706000	39.716340	0.010157
			4096	41.258500	41.270300	41.273100	41.271200	41.254300	41.265480	0.008481
			8192	43.494600	43.466700	43.487800	43.504200	43.454400	43.481540	0.020494
			16384	69.596100	69.608800	69.597600	69.608600	69.592600	69.600740	0.007490
			32768	107.348000	107.344000	107.385000	107.334000	107.269000	107.336000	0.042137
			65536	187.813000	187.781000	187.800000	187.801000	187.709000	187.780800	0.041740
			131072	371.427000	371.386000	371.437000	371.363000	371.332000	371.389000	0.043824
			262144	735.877000	736.064000	736.128000	736.131000	736.065000	736.053000	0.103622
			524288	1456.310000	1456.250000	1456.170000	1456.140000	1455.960000	1456.166000	0.133154
			1048576	2903.910000	2904.060000	2904.040000	2903.640000	2903.370000	2903.804000	0.294839
	Single	Classic	2048	52.106500	52.100600	52.086800	52.091000	52.097200	52.096420	0.007772
			4096	53.724200	53.694800	53.706100	53.703800	53.702400	53.706260	0.010888
			8192	53.268000	53.281200	53.284600	53.290400	53.281900	53.281220	0.008230
			16384	54.125100	54.117800	54.124200	54.127500	54.129400	54.124800	0.004413
			32768	61.714100	61.708800	61.744300	61.731200	61.723900	61.724460	0.014071
			65536	87.764300	87.769200	87.768500	87.769700	87.762000	87.766740	0.003403
			131072	155.130000	155.098000	155.157000	155.182000	155.146000	155.142600	0.031302
			262144	280.007000	280.028000	280.065000	280.059000	280.066000	280.045000	0.026315
			524288	528.915000	528.945000	529.003000	529.009000	529.016000	528.977600	0.044964
			1048576	1026.990000	1027.070000	1027.150000	1027.120000	1027.210000	1027.108000	0.083187
		Hybrid	2048	54.407300	54.511200	54.522200	54.442200	54.508700	54.478320	0.050690
			4096	55.415400	55.475200	55.503300	55.417400	55.422500	55.446760	0.040124
			8192	54.766600	54.885800	54.660900	54.793900	54.841900	54.789820	0.085295
			16384	57.435900	57.358700	57.373400	57.636500	57.433100	57.447520	0.111175
			32768	72.567700	72.609400	72.552000	72.646500	72.583600	72.591840	0.037195

				n0	n1	n2	n3	n4	mean	std
Problem	Precision	Algorithm	Num Spatial Points							
			65536	141.275000	141.266000	141.199000	141.310000	141.215000	141.253000	0.045448
			131072	251.991000	252.172000	252.089000	251.979000	251.904000	252.027000	0.104401
			262144	498.324000	498.422000	498.472000	498.071000	498.110000	498.279800	0.181346
			524288	983.445000	983.169000	983.474000	983.280000	983.387000	983.351000	0.125923
			1048576	1953.190000	1953.520000	1953.460000	1953.220000	1953.200000	1953.318000	0.158808
		Shared	2048	54.750800	54.795000	54.782400	54.768700	54.776700	54.774720	0.016451
			4096	55.599500	55.632800	55.581700	55.600600	55.599400	55.602800	0.018524
			8192	54.928400	54.935200	54.944400	54.935300	54.920600	54.932780	0.008871
			16384	56.998900	56.993400	56.978800	56.977000	56.961400	56.981900	0.014791
			32768	72.872900	72.871100	72.833900	72.871500	72.851800	72.860240	0.017103
			65536	142.005000	142.044000	141.999000	141.990000	141.996000	142.006800	0.021487
			131072	253.318000	253.393000	253.260000	253.374000	253.203000	253.309600	0.079053
			262144	501.038000	501.018000	500.964000	500.880000	500.729000	500.925800	0.125874
			524288	988.365000	988.272000	988.283000	988.661000	988.499000	988.416000	0.164271
			1048576	1963.640000	1962.870000	1962.790000	1963.890000	1963.640000	1963.366000	0.500630
Heat	Double	Classic	2048	4.479150	4.476040	4.480320	4.480260	4.480870	4.479328	0.001941
			4096	4.582690	4.580230	4.580970	4.580400	4.582940	4.581446	0.001282
			8192	4.739210	4.738340	4.721890	4.731320	4.721800	4.730512	0.008483
			16384	5.037570	5.006780	4.988980	4.993630	4.993460	5.004084	0.019867
			32768	5.633260	5.633230	5.614500	5.632740	5.631420	5.629030	0.008157
			65536	6.724080	6.717550	6.723940	6.724170	6.722440	6.722436	0.002822
			131072	14.476800	14.468300	14.478100	14.457500	14.476900	14.471520	0.008761
			262144	24.961700	24.966400	24.962700	24.965600	24.966900	24.964660	0.002320
			524288	45.746600	45.740300	45.745700	45.742000	45.745000	45.743920	0.002660
			1048576	87.589100	87.578900	87.586000	87.584500	87.580900	87.583880	0.004056
		Hybrid	2048	1.198260	1.190880	1.199010	1.195090	1.110590	1.178766	0.038246
			4096	1.150170	1.272440	1.261950	1.270460	1.347130	1.260430	0.070571
			8192	1.278030	1.184260	1.287290	1.278340	1.275570	1.260698	0.042961
			16384	1.339840	1.335480	1.364190	1.342140	1.335640	1.343458	0.011931
			32768	1.657690	1.661630	1.661350	1.663950	1.678120	1.664548	0.007911
			65536	2.477600	2.394300	2.391740	2.436810	2.437070	2.427504	0.035599
			131072	4.415290	4.413770	4.418740	4.392430	4.411390	4.410324	0.010352
			262144	8.336640	8.347120	8.344060	8.326860	8.339610	8.338858	0.007822
			524288	16.126900	16.120700	16.132900	16.133500	16.121100	16.127020	0.006156
			1048576	31.729400	31.743300	31.733500	31.730400	31.738300	31.734980	0.005800
		Shared	2048	0.493027	0.495798	0.493993	0.495959	0.495383	0.494832	0.001272
			4096	0.542092	0.543564	0.543642	0.542259	0.543216	0.542955	0.000731
			8192	0.607380	0.609765	0.608884	0.609205	0.607982	0.608643	0.000957
			16384	0.795476	0.798308	0.798156	0.798134	0.795903	0.797195	0.001385
			32768	1.332330	1.336670	1.336220	1.336570	1.348460	1.338050	0.006094
			65536	2.340480	2.338210	2.347840	2.338420	2.353590	2.343708	0.006770
			131072	4.329610	4.344130	4.329150	4.340720	4.341710	4.337064	0.007125
			262144	8.255060	8.276030	8.258370	8.254630	8.272520	8.263322	0.010179
			524288	16.091100	16.093200	16.094700	16.083000	16.093600	16.091120	0.004723
			1048576	31.735300	31.735200	31.739200	31.743400	31.741400	31.738900	0.003648

				n0	n1	n2	n3	n4	mean	std
Problem	Precision	Algorithm	Num Spatial Points							
	Single	Classic	2048	4.398520	4.408130	4.408110	4.408380	4.407860	4.406200	0.004297
			4096	4.485540	4.485500	4.485370	4.485880	4.485770	4.485612	0.000208
			8192	4.603020	4.603680	4.603400	4.584970	4.604420	4.599898	0.008361
			16384	4.840050	4.829370	4.842100	4.844530	4.840450	4.839300	0.005824
			32768	5.491740	5.492360	5.492210	5.492230	5.494220	5.492552	0.000962
			65536	6.532190	6.531410	6.508320	6.530670	6.510600	6.522638	0.012069
			131072	8.603110	8.585100	8.591880	8.602670	8.603080	8.597168	0.008278
			262144	17.426400	17.424100	17.425000	17.416400	17.426400	17.423660	0.004175
			524288	30.497400	30.500700	30.502300	30.498800	30.500500	30.499940	0.001885
			1048576	56.250800	56.234900	56.244200	56.241800	56.242400	56.242820	0.005691
		Hybrid	2048	1.109110	1.189490	1.202730	1.196420	1.226470	1.184844	0.044564
			4096	1.141640	1.213310	1.216020	1.393810	1.231470	1.239250	0.093126
			8192	1.157340	1.272090	1.266330	1.271460	1.163570	1.226158	0.060060
			16384	1.528890	1.318960	1.240090	1.313070	1.244430	1.329088	0.117652
			32768	1.561550	1.540100	1.457120	1.547320	1.550110	1.531240	0.042147
			65536	2.200330	2.180210	2.196620	2.194490	2.192470	2.192824	0.007628
			131072	3.953710	3.958440	3.969320	3.967880	3.973890	3.964648	0.008305
			262144	7.476210	7.469910	7.482120	7.478370	7.487570	7.478836	0.006593
			524288	14.426600	14.433400	14.430100	14.436500	14.433900	14.432100	0.003826
			1048576	28.380100	28.374600	28.367300	28.372400	28.377500	28.374380	0.004913
		Shared	2048	0.484483	0.486978	0.483690	0.484539	0.485001	0.484938	0.001234
			4096	0.520239	0.519487	0.519682	0.520545	0.519769	0.519944	0.000435
			8192	0.570497	0.570902	0.567815	0.570767	0.570079	0.570012	0.001268
			16384	0.734680	0.737999	0.734583	0.734654	0.737187	0.735821	0.001644
			32768	1.207420	1.207530	1.207910	1.214460	1.207230	1.208910	0.003112
			65536	2.083930	2.089770	2.089430	2.088700	2.088930	2.088152	0.002397
			131072	3.849120	3.858440	3.857330	3.857590	3.857610	3.856018	0.003879
			262144	7.353860	7.379670	7.374670	7.368500	7.385860	7.372512	0.012228
			524288	14.306100	14.310400	14.307700	14.308800	14.297000	14.306000	0.005270
			1048576	28.211800	28.213000	28.211200	28.216600	28.223900	28.215300	0.005244
KS	Double	Classic	2048	9.860170	9.882370	9.883570	9.860830	9.884060	9.874200	0.012524
			4096	10.073100	10.097200	10.087600	10.072800	10.083100	10.082760	0.010303
			8192	10.430400	10.431500	10.428100	10.428400	10.428400	10.429360	0.001508
			16384	11.228900	11.255000	11.255400	11.253200	11.263300	11.251160	0.013036
			32768	13.549100	13.547800	13.537800	13.535500	13.542400	13.542520	0.005974
			65536	17.702500	17.701600	17.700900	17.692000	17.700400	17.699480	0.004255
			131072	36.909600	36.916000	36.895600	36.908600	36.908500	36.907660	0.007422
			262144	63.968800	63.985900	63.976800	63.978100	63.975300	63.976980	0.006136
			524288	118.766000	118.771000	118.774000	118.765000	118.768000	118.768800	0.003701
			1048576	227.785000	227.787000	227.791000	227.786000	227.791000	227.788000	0.002828
		Register	2048	2.273330	2.268620	2.273370	2.268510	2.273050	2.271376	0.002569
			4096	2.496090	2.489370	2.490410	2.496730	2.495180	2.493556	0.003411
			8192	3.058250	3.057470	3.057900	3.058660	3.057510	3.057958	0.000505
			16384	4.278630	4.278580	4.278180	4.281130	4.278170	4.278938	0.001244
			32768	6.774330	6.774640	6.773640	6.773910	6.776580	6.774620	0.001161

				n0	n1	n2	n3	n4	mean	std
Problem	Precision	Algorithm	Num Spatial Points							
			65536	11.793500	11.797500	11.793100	11.788200	11.795000	11.793460	0.003409
			131072	21.690800	21.695600	21.679900	21.684300	21.689300	21.687980	0.006054
			262144	41.065000	41.089600	41.089200	41.084600	41.081000	41.081880	0.010078
			524288	79.948000	79.977000	79.958300	79.984200	79.980200	79.969540	0.015609
			1048576	157.483000	157.505000	157.514000	157.480000	157.506000	157.497600	0.015143
		Shared	2048	1.535650	1.535970	1.536010	1.535510	1.536750	1.535978	0.000481
			4096	1.627480	1.628090	1.628450	1.627610	1.627750	1.627876	0.000393
			8192	2.001160	2.002110	2.003020	2.010920	2.001140	2.003670	0.004127
			16384	2.563950	2.551520	2.554080	2.559230	2.549460	2.555648	0.005906
			32768	4.388460	4.389740	4.383950	4.388330	4.401540	4.390404	0.006599
			65536	7.556710	7.561280	7.565320	7.564520	7.558060	7.561178	0.003809
			131072	13.951600	13.982600	13.969500	13.947200	13.989300	13.968040	0.018511
			262144	26.554400	26.557700	26.553400	26.553500	26.564500	26.556700	0.004697
			524288	51.727300	51.742800	51.737700	51.760500	51.742300	51.742120	0.012015
			1048576	102.111000	102.128000	102.107000	102.130000	102.142000	102.123600	0.014433
	Single	Classic	2048	9.742160	9.715120	9.748980	9.745680	9.712750	9.732938	0.017534
			4096	9.849250	9.843100	9.850870	9.818460	9.847740	9.841884	0.013411
			8192	10.155100	10.092000	10.089600	10.071300	10.089100	10.099420	0.032206
			16384	10.677800	10.677400	10.678400	10.669000	10.677600	10.676040	0.003953
			32768	12.921900	12.920900	12.915600	12.921500	12.923600	12.920700	0.003022
			65536	16.207600	16.206100	16.185500	16.207200	16.202100	16.201700	0.009314
			131072	23.298800	23.349200	23.351400	23.303800	23.354100	23.331460	0.027643
			262144	43.636700	43.642400	43.640500	43.636200	43.640900	43.639340	0.002737
			524288	76.959300	76.964300	76.966200	76.955800	76.960200	76.961160	0.004134
			1048576	142.610000	142.614000	142.622000	142.610000	142.610000	142.613200	0.005215
		Register	2048	1.977340	1.977080	1.977300	1.977290	1.978470	1.977496	0.000554
			4096	2.064140	2.055660	2.054500	2.054620	2.055040	2.056792	0.004133
			8192	2.286490	2.286480	2.285900	2.285560	2.285750	2.286036	0.000427
			16384	3.023990	3.024320	3.024150	3.023830	3.032990	3.025856	0.003992
			32768	4.363580	4.377240	4.369480	4.378040	4.367820	4.371232	0.006239
			65536	6.980130	6.983870	6.980810	6.985790	6.983190	6.982758	0.002309
			131072	12.495800	12.506700	12.505600	12.504300	12.505900	12.503660	0.004478
			262144	23.068200	23.062000	23.074700	23.074200	23.071000	23.070020	0.005195
			524288	43.967600	43.994900	43.988100	43.990600	43.987300	43.985700	0.010543
			1048576	85.922400	85.941700	85.941300	85.940700	85.962800	85.941780	0.014308
		Shared	2048	1.408580	1.408880	1.407730	1.410810	1.410350	1.409270	0.001278
			4096	1.517060	1.515060	1.516570	1.516340	1.515470	1.516100	0.000818
			8192	1.783960	1.783340	1.779570	1.781540	1.780960	1.781874	0.001786
			16384	2.280940	2.277600	2.278600	2.280020	2.279010	2.279234	0.001289
			32768	3.796080	3.795160	3.795470	3.796980	3.784650	3.793668	0.005089
			65536	6.380840	6.380350	6.379580	6.377450	6.369530	6.377550	0.004667
			131072	11.608500	11.614100	11.628900	11.647800	11.610300	11.621920	0.016544
			262144	22.083400	22.097900	22.097300	22.085900	22.079300	22.088760	0.008409
			524288	43.011700	43.014600	43.013000	43.033000	43.038600	43.022180	0.012632
			1048576	84.825200	84.845200	84.842400	84.841800	84.861600	84.843240	0.012934