

Approximated $\text{div } F$	Exact $\text{div } F$	Error $\Theta_1$	Approximated $U$	Exact $U$	Error $\Theta_2$
38165.79131	38389.25584	5.82E-03	4.18E-08	4.25E-08	1.60E-02
38167.81302	38391.27907	5.82E-03	4.18E-08	4.25E-08	1.60E-02
38170.78357	38394.2308	5.82E-03	4.18E-08	4.25E-08	1.60E-02
38175.49823	38398.86688	5.82E-03	4.18E-08	4.25E-08	1.61E-02
38181.6027	38404.76331	5.81E-03	4.18E-08	4.25E-08	1.62E-02
38188.60063	38411.32591	5.80E-03	4.18E-08	4.25E-08	1.62E-02
38195.85414	38417.79054	5.78E-03	4.18E-08	4.25E-08	1.64E-02
38202.58279	38423.22314	5.74E-03	4.18E-08	4.25E-08	1.65E-02
38207.86485	38426.52	5.69E-03	4.18E-08	4.25E-08	1.67E-02
38210.63701	38426.40833	5.62E-03	4.18E-08	4.25E-08	1.68E-02
38209.69537	38421.44728	5.51E-03	4.18E-08	4.25E-08	1.70E-02
38203.69554	38410.02965	5.37E-03	4.17E-08	4.25E-08	1.73E-02
38191.15511	38390.38433	5.19E-03	4.17E-08	4.25E-08	1.75E-02
38170.45593	38360.5798	4.96E-03	4.17E-08	4.24E-08	1.78E-02
38139.84647	38318.5289	4.66E-03	4.17E-08	4.24E-08	1.81E-02
38097.44595	38261.99497	4.30E-03	4.16E-08	4.24E-08	1.84E-02
38041.25056	38188.5998	3.86E-03	4.16E-08	4.24E-08	1.87E-02
37969.13735	38095.83352	3.33E-03	4.15E-08	4.23E-08	1.91E-02
37878.87522	37981.0668	2.69E-03	4.15E-08	4.23E-08	1.94E-02
37768.13285	37841.56547	1.94E-03	4.14E-08	4.23E-08	1.98E-02
37634.49036	37674.50797	1.06E-03	4.14E-08	4.22E-08	2.02E-02
37475.45403	37477.00582	4.14E-05	4.13E-08	4.21E-08	2.05E-02
37288.47237	37246.12724	1.14E-03	4.12E-08	4.21E-08	2.09E-02
37070.9542	36978.92416	2.49E-03	4.11E-08	4.20E-08	2.12E-02
36820.2907	36672.46267	4.03E-03	4.10E-08	4.19E-08	2.16E-02
36533.88102	36323.85699	5.78E-03	4.09E-08	4.18E-08	2.18E-02
36209.15927	35930.30677	7.76E-03	4.07E-08	4.16E-08	2.20E-02
35843.62613	35489.13769	9.99E-03	4.06E-08	4.15E-08	2.21E-02
35434.88425	34997.84494	1.25E-02	4.04E-08	4.13E-08	2.22E-02
34980.69067	34454.13923	1.53E-02	4.02E-08	4.11E-08	2.20E-02
34464.58589	33855.99474	1.80E-02	4.00E-08	4.09E-08	2.18E-02
33888.05767	33201.69842	2.07E-02	3.97E-08	4.06E-08	2.13E-02
33258.01947	32489.89988	2.36E-02	3.95E-08	4.03E-08	2.06E-02
32573.85145	31719.66106	2.69E-02	3.91E-08	3.99E-08	1.97E-02

31835.03207	30890.50503	3.06E-02	3.88E-08	3.95E-08	1.85E-02
31024.34527	30002.46315	3.41E-02	3.84E-08	3.90E-08	1.71E-02
30115.67035	29056.12023	3.65E-02	3.79E-08	3.85E-08	1.54E-02
29147.49922	28052.6574	3.90E-02	3.74E-08	3.79E-08	1.34E-02
28125.12113	26993.89311	4.19E-02	3.68E-08	3.72E-08	1.13E-02
26930.70401	25882.3234	4.05E-02	3.61E-08	3.65E-08	8.98E-03
25645.7051	24721.16542	3.74E-02	3.54E-08	3.56E-08	6.61E-03
24251.61295	23515.14723	3.13E-02	3.45E-08	3.47E-08	4.26E-03
22203.39709	22023.55352	8.17E-03	3.36E-08	3.37E-08	1.73E-03
20176.71486	20466.99168	1.42E-02	3.26E-08	3.26E-08	1.38E-03
18783.00468	18896.82239	6.02E-03	3.16E-08	3.14E-08	4.58E-03
17400.17144	17323.93412	4.40E-03	3.04E-08	3.02E-08	7.16E-03
16003.96832	15759.90171	1.55E-02	2.92E-08	2.90E-08	8.85E-03
14583.63928	14216.83355	2.58E-02	2.80E-08	2.77E-08	9.39E-03
13146.31411	12707.16474	3.46E-02	2.67E-08	2.65E-08	8.54E-03
11696.74062	11243.40119	4.03E-02	2.55E-08	2.53E-08	6.25E-03
10200.44773	9837.82503	3.69E-02	2.42E-08	2.42E-08	2.79E-03
8382.68347	8485.60304	1.21E-02	2.31E-08	2.31E-08	4.09E-04
7022.02252	7083.90183	8.74E-03	2.21E-08	2.21E-08	1.67E-03
5846.96079	5809.91811	6.38E-03	2.12E-08	2.12E-08	3.74E-03
4766.52948	4670.43142	2.06E-02	2.03E-08	2.05E-08	6.61E-03
3782.46703	3668.11328	3.12E-02	1.96E-08	1.98E-08	9.88E-03
2876.90451	2802.47117	2.66E-02	1.91E-08	1.93E-08	1.29E-02
2029.94094	2070.42879	1.96E-02	1.86E-08	1.89E-08	1.32E-02
1424.06718	1427.94802	2.72E-03	1.83E-08	1.86E-08	1.24E-02
936.64815	923.95067	1.37E-02	1.81E-08	1.83E-08	1.20E-02

Approximated $dU$	Exact $dU$	Error $\Theta_3$
1.87E-11	1.47E-11	2.71E-01
1.91E-11	1.50E-11	2.73E-01
2.02E-11	1.58E-11	2.79E-01
2.20E-11	1.71E-11	2.87E-01
2.45E-11	1.89E-11	2.94E-01
2.77E-11	2.14E-11	2.97E-01
3.16E-11	2.44E-11	2.96E-01
3.61E-11	2.80E-11	2.91E-01
4.13E-11	3.22E-11	2.81E-01
4.71E-11	3.72E-11	2.67E-01
5.37E-11	4.30E-11	2.50E-01
6.10E-11	4.96E-11	2.31E-01
6.91E-11	5.72E-11	2.09E-01
7.81E-11	6.59E-11	1.86E-01
8.81E-11	7.58E-11	1.61E-01
9.91E-11	8.73E-11	1.35E-01
1.11E-10	1.00E-10	1.08E-01
1.25E-10	1.16E-10	7.97E-02
1.40E-10	1.33E-10	5.07E-02
1.57E-10	1.54E-10	2.12E-02
1.77E-10	1.78E-10	8.54E-03
1.99E-10	2.07E-10	3.81E-02
2.24E-10	2.40E-10	6.69E-02
2.54E-10	2.80E-10	9.45E-02
2.88E-10	3.27E-10	1.20E-01
3.29E-10	3.84E-10	1.44E-01
3.77E-10	4.51E-10	1.64E-01
4.35E-10	5.32E-10	1.81E-01
5.06E-10	6.28E-10	1.94E-01
5.92E-10	7.42E-10	2.02E-01
6.99E-10	8.79E-10	2.05E-01
8.30E-10	1.04E-09	2.03E-01
9.92E-10	1.23E-09	1.96E-01
1.19E-09	1.46E-09	1.84E-01

Отображение	наилучшая RMSE
$\theta_1: T \rightarrow \operatorname{div} F$	397.11993
$\theta_2: T \rightarrow U$	0.05502
$\theta_3: T \rightarrow dU$	0.01769

1.44E-09	1.73E-09	1.67E-01
1.74E-09	2.04E-09	1.45E-01
2.11E-09	2.40E-09	1.21E-01
2.55E-09	2.82E-09	9.34E-02
3.08E-09	3.29E-09	6.42E-02
3.70E-09	3.83E-09	3.42E-02
4.41E-09	4.44E-09	5.73E-03
5.22E-09	5.11E-09	2.07E-02
6.07E-09	5.85E-09	3.73E-02
6.90E-09	6.65E-09	3.77E-02
7.72E-09	7.49E-09	3.10E-02
8.58E-09	8.35E-09	2.76E-02
9.47E-09	9.22E-09	2.69E-02
1.03E-08	1.01E-08	2.83E-02
1.12E-08	1.09E-08	3.17E-02
1.20E-08	1.16E-08	3.61E-02
1.28E-08	1.23E-08	4.00E-02
1.34E-08	1.29E-08	3.88E-02
1.37E-08	1.33E-08	3.02E-02
1.40E-08	1.37E-08	2.49E-02
1.41E-08	1.38E-08	2.24E-02
1.41E-08	1.38E-08	2.18E-02
1.40E-08	1.37E-08	2.19E-02
1.37E-08	1.34E-08	1.88E-02
1.32E-08	1.30E-08	1.57E-02
1.27E-08	1.25E-08	1.43E-02

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4388.70272
6.90855
1.18221