Реализация метода конечных областей во временной области для уравнений в двумерной области.

MINI\_DATASET:

1 thread:

Time in seconds = 0.000478

2 thread:

Time in seconds = 0.000386

4 thread:

Time in seconds = 0.000419

8 thread:

Time in seconds = 0.000635

16 thread:

Time in seconds = 0.000833

32 thread:

Time in seconds = 0.001425

64 thread:

Time in seconds = 0.004161

128 thread:

Time in seconds = 0.235966

160 thread:

Time in seconds = 0.238254

SMALL\_DATASET:

1 thread:

Time in seconds = 0.006877

2 thread:

Time in seconds = 0.003706

4 thread:

Time in seconds = 0.002230

8 thread:

Time in seconds = 0.001696

16 thread:

Time in seconds = 0.002183

32 thread:

Time in seconds = 0.003340

64 thread:

Time in seconds = 0.006984

128 thread:

Time in seconds = 0.487337

160 thread:

Time in seconds = 0.503410

MEDIUM\_DATASET:

1 thread:

Time in seconds = 0.169514

2 thread:

Time in seconds = 0.085252

4 thread:

Time in seconds = 0.043954

8 thread:

Time in seconds = 0.024331

16 thread:

Time in seconds = 0.021206

32 thread:

Time in seconds = 0.020176

64 thread:

Time in seconds = 0.023357

128 thread:

Time in seconds = 1.237062

160 thread:

Time in seconds = 1.304231

LARGE\_DATASET:

1 thread:

Time in seconds = 21.191872

2 thread:

Time in seconds = 10.592099

4 thread:

Time in seconds = 5.346072

8 thread:

Time in seconds = 2.790215

16 thread:

Time in seconds = 2.421704

32 thread:

Time in seconds = 2.011578

64 thread:

Time in seconds = 1.930073

128 thread:

Time in seconds = 1.493244

160 thread:

Time in seconds = 1.527564

EXTRALARGE\_DATASET:

1 thread:

Time in seconds = 190.291178

2 thread:

Time in seconds = 235.452396

4 thread:

Time in seconds = 46.620240

8 thread:

Time in seconds = 26.431466

16 thread:

Time in seconds = 21.904601

32 thread:

Time in seconds = 22.094486

64 thread:

Time in seconds = 14.595478

128 thread:

Time in seconds = 9.826704

160 thread:

Time in seconds = 8.116231