

課題11 テストデータ計算結果

分割数: 32($k = 5$), 次数: 16($m = 4$)

Romberg Table:

31.6283053848

22.5366862979 19.5061466023

19.9718950387 19.1169646189 19.0910191534

19.3086731081 19.0875991312 19.0856414320 19.0855560714

19.1414188470 19.0856674267 19.0855386464 19.0855370149 19.0855369402

19.0995135407 19.0855451052 19.0855369505 19.0855369236 19.0855369232

積分値: 19.085537

課題12 テストデータ計算結果

STEP: 0.250000

Answer

$x=0.000000, y=2.000000$

$x=0.250000, y=2.000000$

$x=0.500000, y=1.937500$

$x=0.750000, y=1.820313$

$x=1.000000, y=1.666504$

$x=1.250000, y=1.499878$

$x=1.500000, y=1.343666$

$x=1.750000, y=1.214791$

$x=2.000000, y=1.120820$

$x=2.250000, y=1.060410$

$x=2.500000, y=1.026429$

$x=2.750000, y=1.009911$

$x=3.000000, y=1.003097$