Pro\_SpecialFunction\_Herimit

当你需要用到厄米多项式解决工程问题时，可以调用该过程

。

它的参数如下：

Pro\_SpecialFunction\_Herimit(Number n,Number min,Number max,Matrix save)

第一个参数指定求解n阶的厄米多项式，第二个参数和第三个参数指定带求解的区间，第四个参数为保存结果的Matrix变量。

#示例:

Matrix m(1,1);

Pro\_SpecialFunction\_Herimit(3,-1,1,m); //求解3阶厄米多项式，从-1到1区间。

输出:

>>New Matrix.

>> m=

0.000

>>Rewrite Matrix.

>> m=

-1.000 4.000

-0.990 4.118

-0.980 4.230

-0.970 4.339

-0.960 4.442

-0.950 4.541

-0.940 4.635

-0.930 4.725

-0.920 4.810

-0.910 4.891

-0.900 4.968

-0.890 5.040

-0.880 5.108

-0.870 5.172

-0.860 5.232

-0.850 5.287

-0.840 5.338

-0.830 5.386

-0.820 5.429

-0.810 5.468

-0.800 5.504

-0.790 5.536

-0.780 5.564

-0.770 5.588

-0.760 5.608

-0.750 5.625

-0.740 5.638

-0.730 5.648

-0.720 5.654

-0.710 5.657

-0.700 5.656

-0.690 5.652

-0.680 5.645

-0.670 5.634

-0.660 5.620

-0.650 5.603

-0.640 5.583

-0.630 5.560

-0.620 5.533

-0.610 5.504

-0.600 5.472

-0.590 5.437

-0.580 5.399

-0.570 5.358

-0.560 5.315

-0.550 5.269

-0.540 5.220

-0.530 5.169

-0.520 5.115

-0.510 5.059

-0.500 5.000

-0.490 4.939

-0.480 4.875

-0.470 4.809

-0.460 4.741

-0.450 4.671

-0.440 4.599

-0.430 4.524

-0.420 4.447

-0.410 4.369

-0.400 4.288

-0.390 4.205

-0.380 4.121

-0.370 4.035

-0.360 3.947

-0.350 3.857

-0.340 3.766

-0.330 3.673

-0.320 3.578

-0.310 3.482

-0.300 3.384

-0.290 3.285

-0.280 3.184

-0.270 3.083

-0.260 2.979

-0.250 2.875

-0.240 2.769

-0.230 2.663

-0.220 2.555

-0.210 2.446

-0.200 2.336

-0.190 2.225

-0.180 2.113

-0.170 2.001

-0.160 1.887

-0.150 1.773

-0.140 1.658

-0.130 1.542

-0.120 1.426

-0.110 1.309

-0.100 1.192

-0.090 1.074

-0.080 0.956

-0.070 0.837

-0.060 0.718

-0.050 0.599

-0.040 0.479

-0.030 0.360

-0.020 0.240

-0.010 0.120

0.000 -0.000

0.010 -0.120

0.020 -0.240

0.030 -0.360

0.040 -0.479

0.050 -0.599

0.060 -0.718

0.070 -0.837

0.080 -0.956

0.090 -1.074

0.100 -1.192

0.110 -1.309

0.120 -1.426

0.130 -1.542

0.140 -1.658

0.150 -1.773

0.160 -1.887

0.170 -2.001

0.180 -2.113

0.190 -2.225

0.200 -2.336

0.210 -2.446

0.220 -2.555

0.230 -2.663

0.240 -2.769

0.250 -2.875

0.260 -2.979

0.270 -3.083

0.280 -3.184

0.290 -3.285

0.300 -3.384

0.310 -3.482

0.320 -3.578

0.330 -3.673

0.340 -3.766

0.350 -3.857

0.360 -3.947

0.370 -4.035

0.380 -4.121

0.390 -4.205

0.400 -4.288

0.410 -4.369

0.420 -4.447

0.430 -4.524

0.440 -4.599

0.450 -4.671

0.460 -4.741

0.470 -4.809

0.480 -4.875

0.490 -4.939

0.500 -5.000

0.510 -5.059

0.520 -5.115

0.530 -5.169

0.540 -5.220

0.550 -5.269

0.560 -5.315

0.570 -5.358

0.580 -5.399

0.590 -5.437

0.600 -5.472

0.610 -5.504

0.620 -5.533

0.630 -5.560

0.640 -5.583

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0.940 -4.635

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0.960 -4.442

0.970 -4.339

0.980 -4.230

0.990 -4.118