```
>> main2
Coefficients of p(x), x0...x6 =
    0.0404   -0.1089    0.4033   -1.6510   -4.9051   -6.6214   -6.7917

Coefficients of S(x), x0...x6 =
         0   -2.6243   11.9239  -19.1052   11.9239   -2.6243          0

Least  square coefficients g(x) (a,b,c respectively)=
    0.7878
   -2.6087
    1.9696

f(x)=
  Columns 1 through 10

    0.0385    0.0545    0.0826    0.1379    0.2647    0.5902    1.0000    0.5902    0.2647↙
0.1379

  Columns 11 through 13

    0.0826    0.0545    0.0385

f(x)-p(x)=
  Columns 1 through 10

    0.1020   -0.0692    0.1348    0.0915   -0.1617   -0.2405         0   -0.2405   -0.1617↙
0.0915

  Columns 11 through 13

    0.1348   -0.0692    0.1020

f(x)-S(x) =
  Columns 1 through 10

    0.0029   -0.0069    0.0348    0.0416   -0.1153   -0.1997         0   -0.1997   -0.1153↙
0.0416

  Columns 11 through 13

    0.0348   -0.0069    0.0029

f(x)-g(x)=
  Columns 1 through 10

   -0.1102    0.1284    0.0652   -0.1208   -0.2575   -0.1267    0.2122   -0.1267   -0.2575↙
-0.1208

  Columns 11 through 13

    0.0652    0.1284   -0.1102

>>
```