

Polynomial degree

1
2
3
4
5

1

 x y x^2 xy y^2 x^3 x^2y xy^2 y^3 x^4 x^3y x^2y^2 xy^3 y^4 x^5 x^4y x^3y^2 x^2y^3 xy^4 y^5 β corresponding to $x^i y^j$ $|\beta|$ 10^1 10^0 10^{-1} 10^{-2}

0.5

0.7

1.0

1.0

0.1

0.7

0.1

0.5

1.0

1.7

1.8

6.1

1.0

0.4

1.3

4.3

3.3

2.2

16.9

0.8

11.3

20.4

4.0

2.6

12.2

8.0

2.7

0.9

0.2

3.8

8.4

3.5

39.2

8.3

10.8

52.9

30.0

8.8

0.2

22.8

42.7

8.4

21.8

19.2

0.2

16.2

3.6

7.8

13.5

11.9