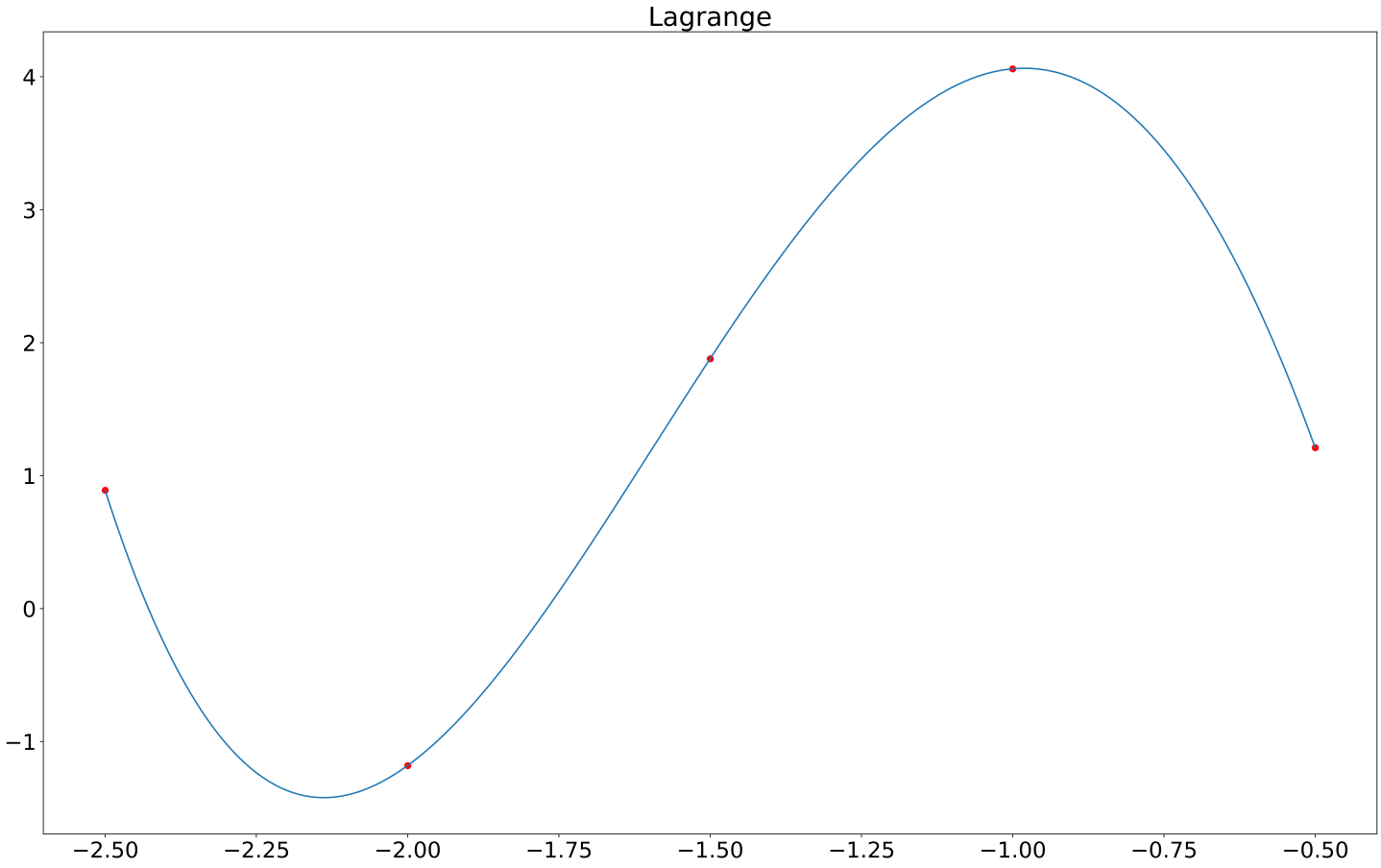
Eliton Machado da Silva

5)

Algoritmo Lagrange

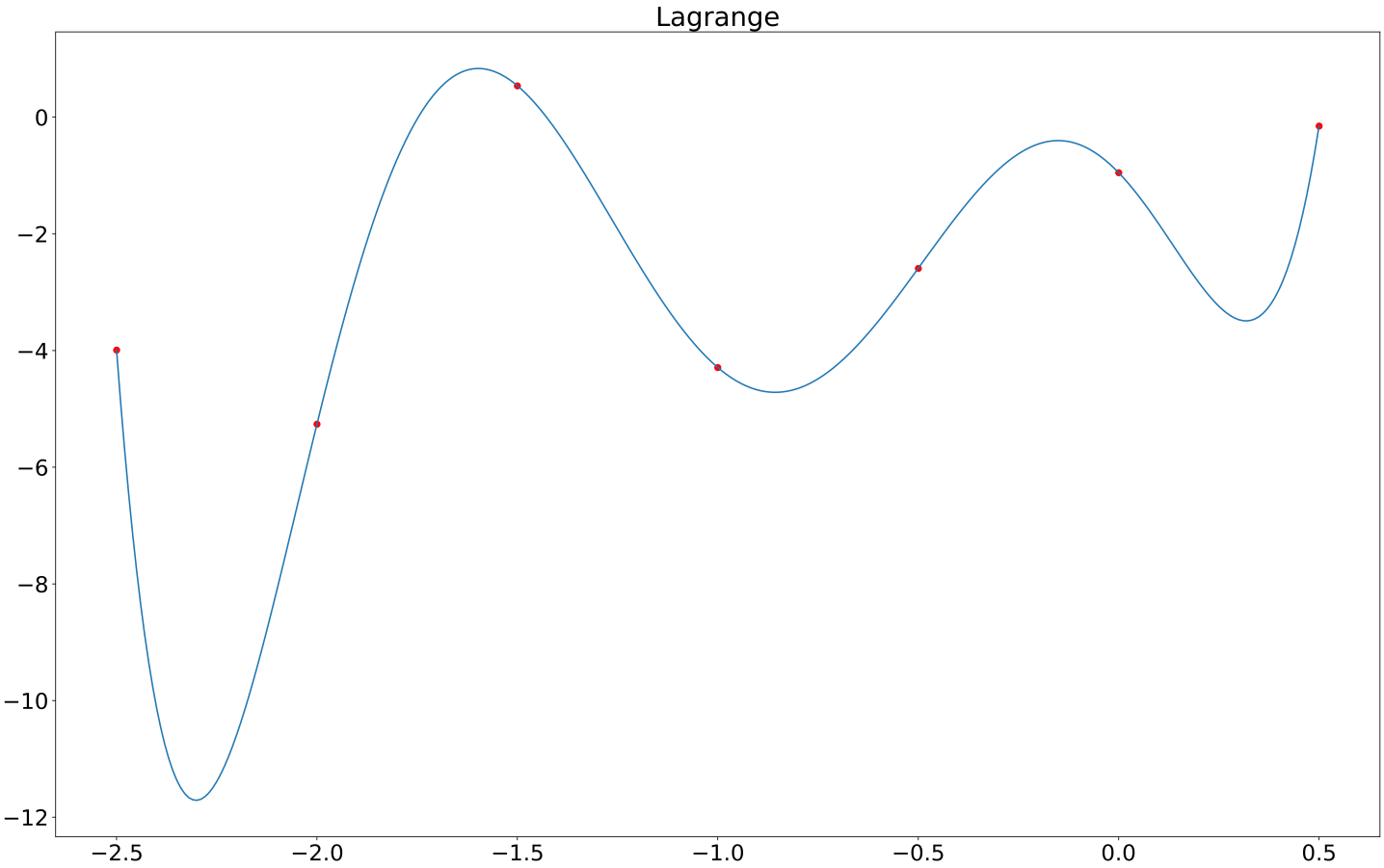
Questão 1:



Polinômio:

$$p(x) = +0.89 * ((x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5))/((-2.5 + 2.0) * (-2.5 + 1.5) * (-2.5 + 1.0) * (-2.5 + 0.5)) - 1.18 * ((x + 2.5) * (x + 1.5) * (x + 1.0) * (x + 0.5))/((-2.0 + 2.5) * (-2.0 + 1.5) * (-2.0 + 1.0) * (-2.0 + 0.5)) + 1.88 * ((x + 2.5) * (x + 2.0) * (x + 1.0) * (x + 0.5))/((-1.5 + 2.5) * (-1.5 + 2.0) * (-1.5 + 1.0) * (-1.5 + 0.5)) + 4.06 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 0.5))/((-1.0 + 2.5) * (-1.0 + 2.0) * (-1.0 + 1.5) * (-1.0 + 0.5)) + 1.21 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0))/((-0.5 + 2.5) * (-0.5 + 2.0) * (-0.5 + 1.5) * (-0.5 + 1.0))$$

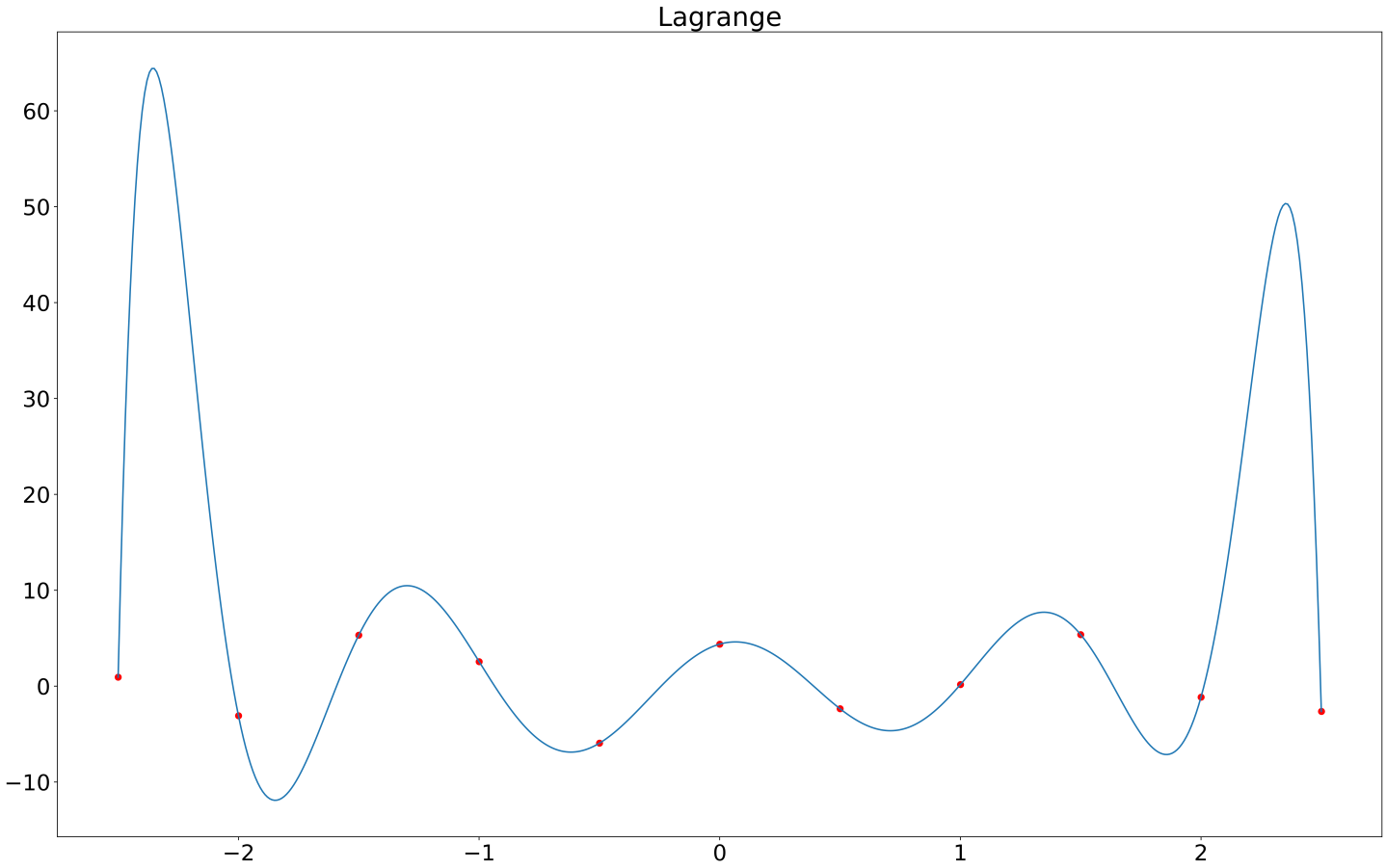
Questão 2:



Polinômio:

$$p(x) = -3.99 * ((x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5))/((-2.5 + 2.0) * (-2.5 + 1.5) * (-2.5 + 1.0) * (-2.5 + 0.5) * (-2.5 - 0.0) * (-2.5 - 0.5)) - 5.26 * ((x + 2.5) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5))/((-2.0 + 2.5) * (-2.0 + 1.5) * (-2.0 + 1.0) * (-2.0 + 0.5) * (-2.0 - 0.0) * (-2.0 - 0.5)) + 0.54 * ((x + 2.5) * (x + 2.0) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5))/((-1.5 + 2.5) * (-1.5 + 2.0) * (-1.5 + 1.0) * (-1.5 + 0.5) * (-1.5 - 0.0) * (-1.5 - 0.5)) - 4.29 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 0.5) * (x - 0.0) * (x - 0.5))/((-1.0 + 2.5) * (-1.0 + 2.0) * (-1.0 + 1.5) * (-1.0 + 0.5) * (-1.0 - 0.0) * (-1.0 - 0.5)) - 2.59 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x - 0.0) * (x - 0.5))/((-0.5 + 2.5) * (-0.5 + 2.0) * (-0.5 + 1.5) * (-0.5 + 1.0) * (-0.5 - 0.0) * (-0.5 - 0.5)) - 0.95 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.5))/((0.0 + 2.5) * (0.0 + 2.0) * (0.0 + 1.5) * (0.0 + 1.0) * (0.0 + 0.5) * (0.0 - 0.5)) - 0.15 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0))/((0.5 + 2.5) * (0.5 + 2.0) * (0.5 + 1.5) * (0.5 + 1.0) * (0.5 + 0.5) * (0.5 - 0.0))$$

Questão 3:

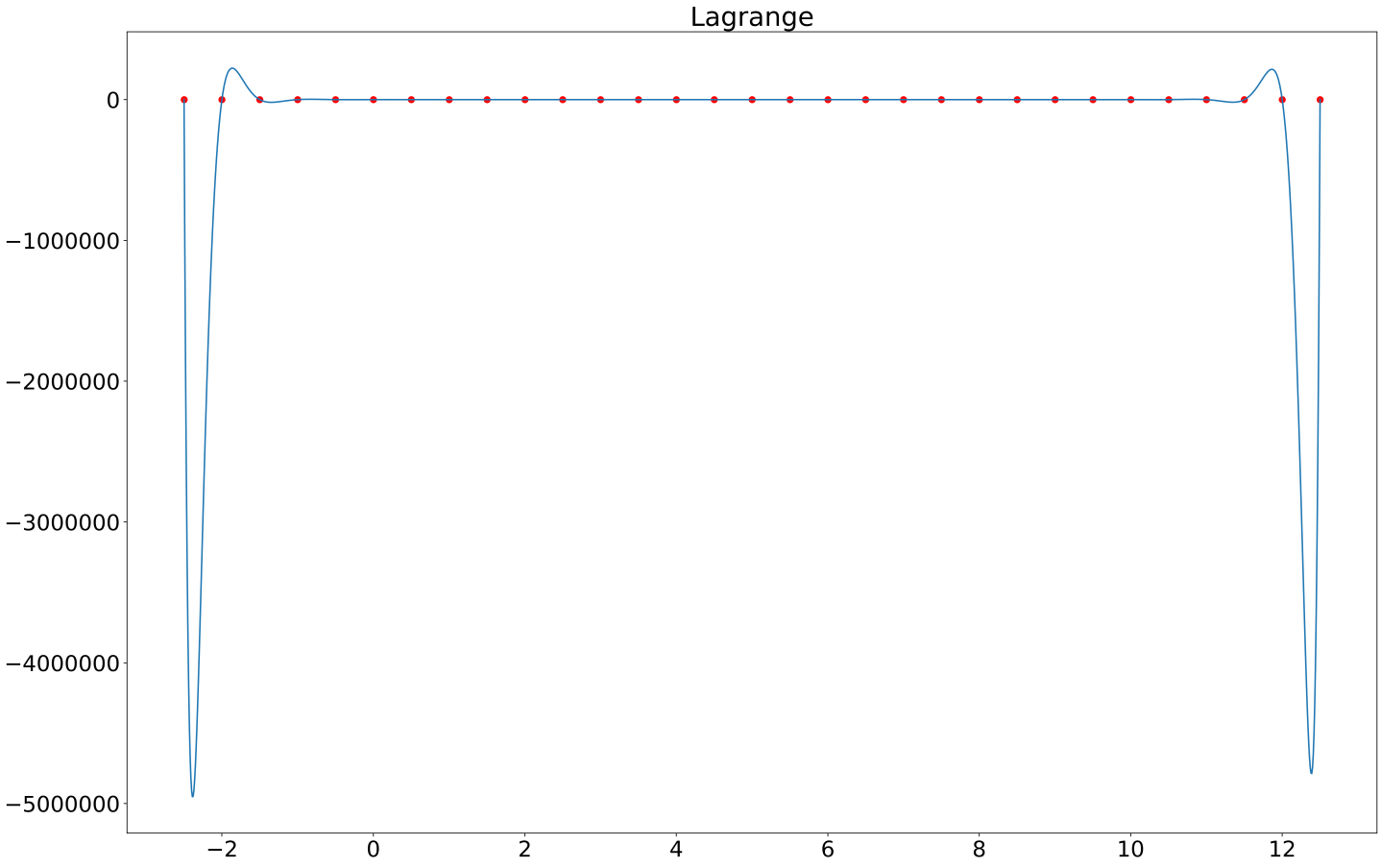


Polinômio:

$$p(x) = +0.94 * ((x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5))/((-2.5 + 2.0) * (-2.5 + 1.5) * (-2.5 + 1.0) * (-2.5 + 0.5) * (-2.5 - 0.0) * (-2.5 - 0.5) * (-2.5 - 1.0) * (-2.5 - 1.5) * (-2.5 - 2.0) * (-2.5 - 2.5)) - 3.08 * ((x + 2.5) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5))/((-2.0 + 2.5) * (-2.0 + 1.5) * (-2.0 + 1.0) * (-2.0 + 0.5) * (-2.0 - 0.0) * (-2.0 - 0.5) * (-2.0 - 1.0) * (-2.0 - 1.5) * (-2.0 - 2.0) * (-2.0 - 2.5)) + 5.33 * ((x + 2.5) * (x + 2.0) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5))/((-1.5 + 2.5) * (-1.5 + 2.0) * (-1.5 + 1.0) * (-1.5 + 0.5) * (-1.5 - 0.0) * (-1.5 - 0.5) * (-1.5 - 1.0) * (-1.5 - 1.5) * (-1.5 - 2.0) * (-1.5 - 2.5)) + 2.57 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5))/((-1.0 + 2.5) * (-1.0 + 2.0) * (-1.0 + 1.5) * (-1.0 + 0.5) * (-1.0 - 0.0) * (-1.0 - 0.5) * (-1.0 - 1.0) * (-1.0 - 1.5) * (-1.0 - 2.0) * (-1.0 - 2.5)) - 5.94 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5))/((-0.5 + 2.5) * (-0.5 + 2.0) * (-0.5 + 1.5) * (-0.5 + 1.0) * (-0.5 - 0.0) * (-0.5 - 0.5) * (-0.5 - 1.0) * (-0.5 - 1.5) * (-0.5 - 2.0) * (-0.5 - 2.5)) + 4.39 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5))/((0.0 + 2.5) * (0.0 + 2.0) * (0.0 + 1.5) * (0.0 + 1.0) * (0.0 + 0.5) * (0.0 - 0.5) * (0.0 - 1.0) * (0.0 - 1.5) * (0.0 - 2.0) * (0.0 - 2.5)) - 2.35 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5))/((0.5 +$$

$2.5) * (0.5 + 2.0) * (0.5 + 1.5) * (0.5 + 1.0) * (0.5 + 0.5) * (0.5 - 0.0) * (0.5 - 1.0) * (0.5 - 1.5) * (0.5 - 2.0) * (0.5 - 2.5)) + 0.17 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.5) * (x - 2.0) * (x - 2.5))/((1.0 + 2.5) * (1.0 + 2.0) * (1.0 + 1.5) * (1.0 + 1.0) * (1.0 + 0.5) * (1.0 - 0.0) * (1.0 - 0.5) * (1.0 - 1.5) * (1.0 - 2.0) * (1.0 - 2.5)) + 5.38 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 2.0) * (x - 2.5))/((1.5 + 2.5) * (1.5 + 2.0) * (1.5 + 1.5) * (1.5 + 1.0) * (1.5 + 0.5) * (1.5 - 0.0) * (1.5 - 0.5) * (1.5 - 1.0) * (1.5 - 2.0) * (1.5 - 2.5)) - 1.13 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.5))/((2.0 + 2.5) * (2.0 + 2.0) * (2.0 + 1.5) * (2.0 + 1.0) * (2.0 + 0.5) * (2.0 - 0.0) * (2.0 - 0.5) * (2.0 - 1.0) * (2.0 - 1.5) * (2.0 - 2.5)) - 2.63 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0))/((2.5 + 2.5) * (2.5 + 2.0) * (2.5 + 1.5) * (2.5 + 1.0) * (2.5 + 0.5) * (2.5 - 0.0) * (2.5 - 0.5) * (2.5 - 1.0) * (2.5 - 1.5) * (2.5 - 2.0))$

Questão 4:



Polinômio:

$p(x) = -5.6 * ((x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((-2.5 + 2.0) * (-2.5 + 1.5) * (-2.5 + 1.0) * (-2.5 + 0.5) *$

$$(-2.5 - 0.0) * (-2.5 - 0.5) * (-2.5 - 1.0) * (-2.5 - 1.5) * (-2.5 - 2.0) * (-2.5 - 2.5) * (-2.5 - 3.0) * (-2.5 - 3.5) * (-2.5 - 4.0) * (-2.5 - 4.5) * (-2.5 - 5.0) * (-2.5 - 5.5) * (-2.5 - 6.0) * (-2.5 - 6.5) * (-2.5 - 7.0) * (-2.5 - 7.5) * (-2.5 - 8.0) * (-2.5 - 8.5) * (-2.5 - 9.0) * (-2.5 - 9.5) * (-2.5 - 10.0) * (-2.5 - 10.5) * (-2.5 - 11.0) * (-2.5 - 11.5) * (-2.5 - 12.0) * (-2.5 - 12.5)) - 4.03 * ((x + 2.5) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((-2.0 + 2.5) * (-2.0 + 1.5) * (-2.0 + 1.0) * (-2.0 + 0.5) * (-2.0 - 0.0) * (-2.0 - 0.5) * (-2.0 - 1.0) * (-2.0 - 1.5) * (-2.0 - 2.0) * (-2.0 - 2.5) * (-2.0 - 3.0) * (-2.0 - 3.5) * (-2.0 - 4.0) * (-2.0 - 4.5) * (-2.0 - 5.0) * (-2.0 - 5.5) * (-2.0 - 6.0) * (-2.0 - 6.5) * (-2.0 - 7.0) * (-2.0 - 7.5) * (-2.0 - 8.0) * (-2.0 - 8.5) * (-2.0 - 9.0) * (-2.0 - 9.5) * (-2.0 - 10.0) * (-2.0 - 10.5) * (-2.0 - 11.0) * (-2.0 - 11.5) * (-2.0 - 12.0) * (-2.0 - 12.5)) - 0.4 * ((x + 2.5) * (x + 2.0) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((-1.5 + 2.5) * (-1.5 + 2.0) * (-1.5 + 1.0) * (-1.5 + 0.5) * (-1.5 - 0.0) * (-1.5 - 0.5) * (-1.5 - 1.0) * (-1.5 - 1.5) * (-1.5 - 2.0) * (-1.5 - 2.5) * (-1.5 - 3.0) * (-1.5 - 3.5) * (-1.5 - 4.0) * (-1.5 - 4.5) * (-1.5 - 5.0) * (-1.5 - 5.5) * (-1.5 - 6.0) * (-1.5 - 6.5) * (-1.5 - 7.0) * (-1.5 - 7.5) * (-1.5 - 8.0) * (-1.5 - 8.5) * (-1.5 - 9.0) * (-1.5 - 9.5) * (-1.5 - 10.0) * (-1.5 - 10.5) * (-1.5 - 11.0) * (-1.5 - 11.5) * (-1.5 - 12.0) * (-1.5 - 12.5)) - 1.12 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((-1.0 + 2.5) * (-1.0 + 2.0) * (-1.0 + 1.5) * (-1.0 + 0.5) * (-1.0 - 0.0) * (-1.0 - 0.5) * (-1.0 - 1.0) * (-1.0 - 1.5) * (-1.0 - 2.0) * (-1.0 - 2.5) * (-1.0 - 3.0) * (-1.0 - 3.5) * (-1.0 - 4.0) * (-1.0 - 4.5) * (-1.0 - 5.0) * (-1.0 - 5.5) * (-1.0 - 6.0) * (-1.0 - 6.5) * (-1.0 - 7.0) * (-1.0 - 7.5) * (-1.0 - 8.0) * (-1.0 - 8.5) * (-1.0 - 9.0) * (-1.0 - 9.5) * (-1.0 - 10.0) * (-1.0 - 10.5) * (-1.0 - 11.0) * (-1.0 - 11.5) * (-1.0 - 12.0) * (-1.0 - 12.5)) + 1.51 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((-0.5 + 2.5) * (-0.5 + 2.0) * (-0.5 + 1.5) * (-0.5 + 1.0) * (-0.5 - 0.0) * (-0.5 - 0.5) * (-0.5 - 1.0) * (-0.5 - 1.5) * (-0.5 - 2.0) * (-0.5 - 2.5) * (-0.5 - 3.0) * (-0.5 - 3.5) * (-0.5 - 4.0) * (-0.5 - 4.5) * (-0.5 - 5.0) * (-0.5 - 5.5) *$$

$$(-0.5 - 6.0) * (-0.5 - 6.5) * (-0.5 - 7.0) * (-0.5 - 7.5) * (-0.5 - 8.0) * (-0.5 - 8.5) * (-0.5 - 9.0) * (-0.5 - 9.5) * (-0.5 - 10.0) * (-0.5 - 10.5) * (-0.5 - 11.0) * (-0.5 - 11.5) * (-0.5 - 12.0) * (-0.5 - 12.5)) + 2.98 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((0.0 + 2.5) * (0.0 + 2.0) * (0.0 + 1.5) * (0.0 + 1.0) * (0.0 + 0.5) * (0.0 - 0.5) * (0.0 - 1.0) * (0.0 - 1.5) * (0.0 - 2.0) * (0.0 - 2.5) * (0.0 - 3.0) * (0.0 - 3.5) * (0.0 - 4.0) * (0.0 - 4.5) * (0.0 - 5.0) * (0.0 - 5.5) * (0.0 - 6.0) * (0.0 - 6.5) * (0.0 - 7.0) * (0.0 - 7.5) * (0.0 - 8.0) * (0.0 - 8.5) * (0.0 - 9.0) * (0.0 - 9.5) * (0.0 - 10.0) * (0.0 - 10.5) * (0.0 - 11.0) * (0.0 - 11.5) * (0.0 - 12.0) * (0.0 - 12.5)) - 4.59 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((0.5 + 2.5) * (0.5 + 2.0) * (0.5 + 1.5) * (0.5 + 1.0) * (0.5 + 0.5) * (0.5 - 0.0) * (0.5 - 1.0) * (0.5 - 1.5) * (0.5 - 2.0) * (0.5 - 2.5) * (0.5 - 3.0) * (0.5 - 3.5) * (0.5 - 4.0) * (0.5 - 4.5) * (0.5 - 5.0) * (0.5 - 5.5) * (0.5 - 6.0) * (0.5 - 6.5) * (0.5 - 7.0) * (0.5 - 7.5) * (0.5 - 8.0) * (0.5 - 8.5) * (0.5 - 9.0) * (0.5 - 9.5) * (0.5 - 10.0) * (0.5 - 10.5) * (0.5 - 11.0) * (0.5 - 11.5) * (0.5 - 12.0) * (0.5 - 12.5)) + 0.56 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((1.0 + 2.5) * (1.0 + 2.0) * (1.0 + 1.5) * (1.0 + 1.0) * (1.0 + 0.5) * (1.0 - 0.0) * (1.0 - 0.5) * (1.0 - 1.5) * (1.0 - 2.0) * (1.0 - 2.5) * (1.0 - 3.0) * (1.0 - 3.5) * (1.0 - 4.0) * (1.0 - 4.5) * (1.0 - 5.0) * (1.0 - 5.5) * (1.0 - 6.0) * (1.0 - 6.5) * (1.0 - 7.0) * (1.0 - 7.5) * (1.0 - 8.0) * (1.0 - 8.5) * (1.0 - 9.0) * (1.0 - 9.5) * (1.0 - 10.0) * (1.0 - 10.5) * (1.0 - 11.0) * (1.0 - 11.5) * (1.0 - 12.0) * (1.0 - 12.5)) - 4.43 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((1.5 + 2.5) * (1.5 + 2.0) * (1.5 + 1.5) * (1.5 + 1.0) * (1.5 + 0.5) * (1.5 - 0.0) * (1.5 - 0.5) * (1.5 - 1.0) * (1.5 - 2.0) * (1.5 - 2.5) * (1.5 - 3.0) * (1.5 - 3.5) * (1.5 - 4.0) * (1.5 - 4.5) * (1.5 - 5.0) * (1.5 - 5.5) * (1.5 - 6.0) * (1.5 - 6.5) * (1.5 - 7.0) * (1.5 - 7.5) * (1.5 - 8.0) * (1.5 - 8.5) * (1.5 - 9.0) * (1.5 - 9.5) * (1.5 - 10.0) * (1.5 - 10.5) * (1.5 - 11.0) * (1.5 - 11.5) * (1.5 - 12.0) * (1.5 - 12.5)) - 5.53 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x -$$

$$7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((2.0 + 2.5) * (2.0 + 2.0) * (2.0 + 1.5) * (2.0 + 1.0) * (2.0 + 0.5) * (2.0 - 0.0) * (2.0 - 0.5) * (2.0 - 1.0) * (2.0 - 1.5) * (2.0 - 2.5) * (2.0 - 3.0) * (2.0 - 3.5) * (2.0 - 4.0) * (2.0 - 4.5) * (2.0 - 5.0) * (2.0 - 5.5) * (2.0 - 6.0) * (2.0 - 6.5) * (2.0 - 7.0) * (2.0 - 7.5) * (2.0 - 8.0) * (2.0 - 8.5) * (2.0 - 9.0) * (2.0 - 9.5) * (2.0 - 10.0) * (2.0 - 10.5) * (2.0 - 11.0) * (2.0 - 11.5) * (2.0 - 12.0) * (2.0 - 12.5)) + 2.14 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((2.5 + 2.5) * (2.5 + 2.0) * (2.5 + 1.5) * (2.5 + 1.0) * (2.5 + 0.5) * (2.5 - 0.0) * (2.5 - 0.5) * (2.5 - 1.0) * (2.5 - 1.5) * (2.5 - 2.0) * (2.5 - 3.0) * (2.5 - 3.5) * (2.5 - 4.0) * (2.5 - 4.5) * (2.5 - 5.0) * (2.5 - 5.5) * (2.5 - 6.0) * (2.5 - 6.5) * (2.5 - 7.0) * (2.5 - 7.5) * (2.5 - 8.0) * (2.5 - 8.5) * (2.5 - 9.0) * (2.5 - 9.5) * (2.5 - 10.0) * (2.5 - 10.5) * (2.5 - 11.0) * (2.5 - 11.5) * (2.5 - 12.0) * (2.5 - 12.5)) + 4.02 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((3.0 + 2.5) * (3.0 + 2.0) * (3.0 + 1.5) * (3.0 + 1.0) * (3.0 + 0.5) * (3.0 - 0.0) * (3.0 - 0.5) * (3.0 - 1.0) * (3.0 - 1.5) * (3.0 - 2.0) * (3.0 - 2.5) * (3.0 - 3.5) * (3.0 - 4.0) * (3.0 - 4.5) * (3.0 - 5.0) * (3.0 - 5.5) * (3.0 - 6.0) * (3.0 - 6.5) * (3.0 - 7.0) * (3.0 - 7.5) * (3.0 - 8.0) * (3.0 - 8.5) * (3.0 - 9.0) * (3.0 - 9.5) * (3.0 - 10.0) * (3.0 - 10.5) * (3.0 - 11.0) * (3.0 - 11.5) * (3.0 - 12.0) * (3.0 - 12.5)) + 0.85 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((3.5 + 2.5) * (3.5 + 2.0) * (3.5 + 1.5) * (3.5 + 1.0) * (3.5 + 0.5) * (3.5 - 0.0) * (3.5 - 0.5) * (3.5 - 1.0) * (3.5 - 1.5) * (3.5 - 2.0) * (3.5 - 2.5) * (3.5 - 3.0) * (3.5 - 4.0) * (3.5 - 4.5) * (3.5 - 5.0) * (3.5 - 5.5) * (3.5 - 6.0) * (3.5 - 6.5) * (3.5 - 7.0) * (3.5 - 7.5) * (3.5 - 8.0) * (3.5 - 8.5) * (3.5 - 9.0) * (3.5 - 9.5) * (3.5 - 10.0) * (3.5 - 10.5) * (3.5 - 11.0) * (3.5 - 11.5) * (3.5 - 12.0) * (3.5 - 12.5)) + 1.37 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((4.0 + 2.5) * (4.0 + 2.0) * (4.0 + 1.5) * (4.0 + 1.0) * (4.0 + 0.5) * (4.0 - 0.0) * (4.0 - 0.5) * (4.0 - 1.0) * (4.0 - 1.5) * (4.0 - 2.0) * (4.0 - 2.5) * (4.0 - 3.0) * (4.0 - 3.5) * (4.0 - 4.5) * (4.0 - 5.0) * (4.0 - 5.5) * (4.0 - 6.0) * (4.0 - 6.5) * (4.0 - 7.0) * (4.0 - 7.5) * (4.0 - 8.0) * (4.0 -$$

$$8.5) * (4.0 - 9.0) * (4.0 - 9.5) * (4.0 - 10.0) * (4.0 - 10.5) * (4.0 - 11.0) * (4.0 - 11.5) * (4.0 - 12.0) * (4.0 - 12.5)) + 5.26 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((4.5 + 2.5) * (4.5 + 2.0) * (4.5 + 1.5) * (4.5 + 1.0) * (4.5 + 0.5) * (4.5 - 0.0) * (4.5 - 0.5) * (4.5 - 1.0) * (4.5 - 1.5) * (4.5 - 2.0) * (4.5 - 2.5) * (4.5 - 3.0) * (4.5 - 3.5) * (4.5 - 4.0) * (4.5 - 5.0) * (4.5 - 5.5) * (4.5 - 6.0) * (4.5 - 6.5) * (4.5 - 7.0) * (4.5 - 7.5) * (4.5 - 8.0) * (4.5 - 8.5) * (4.5 - 9.0) * (4.5 - 9.5) * (4.5 - 10.0) * (4.5 - 10.5) * (4.5 - 11.0) * (4.5 - 11.5) * (4.5 - 12.0) * (4.5 - 12.5)) + 2.79 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((5.0 + 2.5) * (5.0 + 2.0) * (5.0 + 1.5) * (5.0 + 1.0) * (5.0 + 0.5) * (5.0 - 0.0) * (5.0 - 0.5) * (5.0 - 1.0) * (5.0 - 1.5) * (5.0 - 2.0) * (5.0 - 2.5) * (5.0 - 3.0) * (5.0 - 3.5) * (5.0 - 4.0) * (5.0 - 4.5) * (5.0 - 5.5) * (5.0 - 6.0) * (5.0 - 6.5) * (5.0 - 7.0) * (5.0 - 7.5) * (5.0 - 8.0) * (5.0 - 8.5) * (5.0 - 9.0) * (5.0 - 9.5) * (5.0 - 10.0) * (5.0 - 10.5) * (5.0 - 11.0) * (5.0 - 11.5) * (5.0 - 12.0) * (5.0 - 12.5)) + 5.16 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((5.5 + 2.5) * (5.5 + 2.0) * (5.5 + 1.5) * (5.5 + 1.0) * (5.5 + 0.5) * (5.5 - 0.0) * (5.5 - 0.5) * (5.5 - 1.0) * (5.5 - 1.5) * (5.5 - 2.0) * (5.5 - 2.5) * (5.5 - 3.0) * (5.5 - 3.5) * (5.5 - 4.0) * (5.5 - 4.5) * (5.5 - 5.0) * (5.5 - 6.0) * (5.5 - 6.5) * (5.5 - 7.0) * (5.5 - 7.5) * (5.5 - 8.0) * (5.5 - 8.5) * (5.5 - 9.0) * (5.5 - 9.5) * (5.5 - 10.0) * (5.5 - 10.5) * (5.5 - 11.0) * (5.5 - 11.5) * (5.5 - 12.0) * (5.5 - 12.5)) - 2.28 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((6.0 + 2.5) * (6.0 + 2.0) * (6.0 + 1.5) * (6.0 + 1.0) * (6.0 + 0.5) * (6.0 - 0.0) * (6.0 - 0.5) * (6.0 - 1.0) * (6.0 - 1.5) * (6.0 - 2.0) * (6.0 - 2.5) * (6.0 - 3.0) * (6.0 - 3.5) * (6.0 - 4.0) * (6.0 - 4.5) * (6.0 - 5.0) * (6.0 - 5.5) * (6.0 - 6.5) * (6.0 - 7.0) * (6.0 - 7.5) * (6.0 - 8.0) * (6.0 - 8.5) * (6.0 - 9.0) * (6.0 - 9.5) * (6.0 - 10.0) * (6.0 - 10.5) * (6.0 - 11.0) * (6.0 - 11.5) * (6.0 - 12.0) * (6.0 - 12.5)) - 2.9 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x -$$

$$10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((6.5 + 2.5) * (6.5 + 2.0) * (6.5 + 1.5) * (6.5 + 1.0) * (6.5 + 0.5) * (6.5 - 0.0) * (6.5 - 0.5) * (6.5 - 1.0) * (6.5 - 1.5) * (6.5 - 2.0) * (6.5 - 2.5) * (6.5 - 3.0) * (6.5 - 3.5) * (6.5 - 4.0) * (6.5 - 4.5) * (6.5 - 5.0) * (6.5 - 5.5) * (6.5 - 6.0) * (6.5 - 7.0) * (6.5 - 7.5) * (6.5 - 8.0) * (6.5 - 8.5) * (6.5 - 9.0) * (6.5 - 9.5) * (6.5 - 10.0) * (6.5 - 10.5) * (6.5 - 11.0) * (6.5 - 11.5) * (6.5 - 12.0) * (6.5 - 12.5)) - 0.61 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((7.0 + 2.5) * (7.0 + 2.0) * (7.0 + 1.5) * (7.0 + 1.0) * (7.0 + 0.5) * (7.0 - 0.0) * (7.0 - 0.5) * (7.0 - 1.0) * (7.0 - 1.5) * (7.0 - 2.0) * (7.0 - 2.5) * (7.0 - 3.0) * (7.0 - 3.5) * (7.0 - 4.0) * (7.0 - 4.5) * (7.0 - 5.0) * (7.0 - 5.5) * (7.0 - 6.0) * (7.0 - 6.5) * (7.0 - 7.5) * (7.0 - 8.0) * (7.0 - 8.5) * (7.0 - 9.0) * (7.0 - 9.5) * (7.0 - 10.0) * (7.0 - 10.5) * (7.0 - 11.0) * (7.0 - 11.5) * (7.0 - 12.0) * (7.0 - 12.5)) - 3.93 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((7.5 + 2.5) * (7.5 + 2.0) * (7.5 + 1.5) * (7.5 + 1.0) * (7.5 + 0.5) * (7.5 - 0.0) * (7.5 - 0.5) * (7.5 - 1.0) * (7.5 - 1.5) * (7.5 - 2.0) * (7.5 - 2.5) * (7.5 - 3.0) * (7.5 - 3.5) * (7.5 - 4.0) * (7.5 - 4.5) * (7.5 - 5.0) * (7.5 - 5.5) * (7.5 - 6.0) * (7.5 - 6.5) * (7.5 - 7.0) * (7.5 - 8.0) * (7.5 - 8.5) * (7.5 - 9.0) * (7.5 - 9.5) * (7.5 - 10.0) * (7.5 - 10.5) * (7.5 - 11.0) * (7.5 - 11.5) * (7.5 - 12.0) * (7.5 - 12.5)) + 2.04 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((8.0 + 2.5) * (8.0 + 2.0) * (8.0 + 1.5) * (8.0 + 1.0) * (8.0 + 0.5) * (8.0 - 0.0) * (8.0 - 0.5) * (8.0 - 1.0) * (8.0 - 1.5) * (8.0 - 2.0) * (8.0 - 2.5) * (8.0 - 3.0) * (8.0 - 3.5) * (8.0 - 4.0) * (8.0 - 4.5) * (8.0 - 5.0) * (8.0 - 5.5) * (8.0 - 6.0) * (8.0 - 6.5) * (8.0 - 7.0) * (8.0 - 7.5) * (8.0 - 8.5) * (8.0 - 9.0) * (8.0 - 9.5) * (8.0 - 10.0) * (8.0 - 10.5) * (8.0 - 11.0) * (8.0 - 11.5) * (8.0 - 12.0) * (8.0 - 12.5)) + 5.61 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((8.5 + 2.5) * (8.5 + 2.0) * (8.5 + 1.5) * (8.5 + 1.0) * (8.5 + 0.5) * (8.5 - 0.0) * (8.5 - 0.5) * (8.5 - 1.0) * (8.5 - 1.5) * (8.5 - 2.0) * (8.5 - 2.5) * (8.5 - 3.0) * (8.5 - 3.5) * (8.5 - 4.0) * (8.5 - 4.5) * (8.5 - 5.0) * (8.5 - 5.5) * (8.5 - 6.0) * (8.5 - 6.5) * (8.5 - 7.0) * (8.5 - 7.5) * (8.5 - 8.0) * (8.5 - 9.0) * (8.5 - 9.5) * (8.5 - 10.0) * (8.5 - 10.5) * (8.5 - 11.0) * (8.5 -$$

$$11.5) * (8.5 - 12.0) * (8.5 - 12.5)) - 2.09 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((9.0 + 2.5) * (9.0 + 2.0) * (9.0 + 1.5) * (9.0 + 1.0) * (9.0 + 0.5) * (9.0 - 0.0) * (9.0 - 0.5) * (9.0 - 1.0) * (9.0 - 1.5) * (9.0 - 2.0) * (9.0 - 2.5) * (9.0 - 3.0) * (9.0 - 3.5) * (9.0 - 4.0) * (9.0 - 4.5) * (9.0 - 5.0) * (9.0 - 5.5) * (9.0 - 6.0) * (9.0 - 6.5) * (9.0 - 7.0) * (9.0 - 7.5) * (9.0 - 8.0) * (9.0 - 8.5) * (9.0 - 9.5) * (9.0 - 10.0) * (9.0 - 10.5) * (9.0 - 11.0) * (9.0 - 11.5) * (9.0 - 12.0) * (9.0 - 12.5)) + 1.55 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((9.5 + 2.5) * (9.5 + 2.0) * (9.5 + 1.5) * (9.5 + 1.0) * (9.5 + 0.5) * (9.5 - 0.0) * (9.5 - 0.5) * (9.5 - 1.0) * (9.5 - 1.5) * (9.5 - 2.0) * (9.5 - 2.5) * (9.5 - 3.0) * (9.5 - 3.5) * (9.5 - 4.0) * (9.5 - 4.5) * (9.5 - 5.0) * (9.5 - 5.5) * (9.5 - 6.0) * (9.5 - 6.5) * (9.5 - 7.0) * (9.5 - 7.5) * (9.5 - 8.0) * (9.5 - 8.5) * (9.5 - 9.0) * (9.5 - 10.0) * (9.5 - 10.5) * (9.5 - 11.0) * (9.5 - 11.5) * (9.5 - 12.0) * (9.5 - 12.5)) - 0.59 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((10.0 + 2.5) * (10.0 + 2.0) * (10.0 + 1.5) * (10.0 + 1.0) * (10.0 + 0.5) * (10.0 - 0.0) * (10.0 - 0.5) * (10.0 - 1.0) * (10.0 - 1.5) * (10.0 - 2.0) * (10.0 - 2.5) * (10.0 - 3.0) * (10.0 - 3.5) * (10.0 - 4.0) * (10.0 - 4.5) * (10.0 - 5.0) * (10.0 - 5.5) * (10.0 - 6.0) * (10.0 - 6.5) * (10.0 - 7.0) * (10.0 - 7.5) * (10.0 - 8.0) * (10.0 - 8.5) * (10.0 - 9.0) * (10.0 - 9.5) * (10.0 - 10.5) * (10.0 - 11.0) * (10.0 - 11.5) * (10.0 - 12.0) * (10.0 - 12.5)) - 5.47 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 11.0) * (x - 11.5) * (x - 12.0) * (x - 12.5))/((10.5 + 2.5) * (10.5 + 2.0) * (10.5 + 1.5) * (10.5 + 1.0) * (10.5 + 0.5) * (10.5 - 0.0) * (10.5 - 0.5) * (10.5 - 1.0) * (10.5 - 1.5) * (10.5 - 2.0) * (10.5 - 2.5) * (10.5 - 3.0) * (10.5 - 3.5) * (10.5 - 4.0) * (10.5 - 4.5) * (10.5 - 5.0) * (10.5 - 5.5) * (10.5 - 6.0) * (10.5 - 6.5) * (10.5 - 7.0) * (10.5 - 7.5) * (10.5 - 8.0) * (10.5 - 8.5) * (10.5 - 9.0) * (10.5 - 9.5) * (10.5 - 10.0) * (10.5 - 11.0) * (10.5 - 11.5) * (10.5 - 12.0) * (10.5 - 12.5)) - 5.5 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.5) * (x - 12.0) * (x -$$

$$12.5))/((11.0 + 2.5) * (11.0 + 2.0) * (11.0 + 1.5) * (11.0 + 1.0) * (11.0 + 0.5) * (11.0 - 0.0) * (11.0 - 0.5) * (11.0 - 1.0) * (11.0 - 1.5) * (11.0 - 2.0) * (11.0 - 2.5) * (11.0 - 3.0) * (11.0 - 3.5) * (11.0 - 4.0) * (11.0 - 4.5) * (11.0 - 5.0) * (11.0 - 5.5) * (11.0 - 6.0) * (11.0 - 6.5) * (11.0 - 7.0) * (11.0 - 7.5) * (11.0 - 8.0) * (11.0 - 8.5) * (11.0 - 9.0) * (11.0 - 9.5) * (11.0 - 10.0) * (11.0 - 10.5) * (11.0 - 11.5) * (11.0 - 12.0) * (11.0 - 12.5)) + 2.64 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 12.0) * (x - 12.5))/((11.5 + 2.5) * (11.5 + 2.0) * (11.5 + 1.5) * (11.5 + 1.0) * (11.5 + 0.5) * (11.5 - 0.0) * (11.5 - 0.5) * (11.5 - 1.0) * (11.5 - 1.5) * (11.5 - 2.0) * (11.5 - 2.5) * (11.5 - 3.0) * (11.5 - 3.5) * (11.5 - 4.0) * (11.5 - 4.5) * (11.5 - 5.0) * (11.5 - 5.5) * (11.5 - 6.0) * (11.5 - 6.5) * (11.5 - 7.0) * (11.5 - 7.5) * (11.5 - 8.0) * (11.5 - 8.5) * (11.5 - 9.0) * (11.5 - 9.5) * (11.5 - 10.0) * (11.5 - 10.5) * (11.5 - 11.0) * (11.5 - 12.0) * (11.5 - 12.5)) + 2.0 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.5))/((12.0 + 2.5) * (12.0 + 2.0) * (12.0 + 1.5) * (12.0 + 1.0) * (12.0 + 0.5) * (12.0 - 0.0) * (12.0 - 0.5) * (12.0 - 1.0) * (12.0 - 1.5) * (12.0 - 2.0) * (12.0 - 2.5) * (12.0 - 3.0) * (12.0 - 3.5) * (12.0 - 4.0) * (12.0 - 4.5) * (12.0 - 5.0) * (12.0 - 5.5) * (12.0 - 6.0) * (12.0 - 6.5) * (12.0 - 7.0) * (12.0 - 7.5) * (12.0 - 8.0) * (12.0 - 8.5) * (12.0 - 9.0) * (12.0 - 9.5) * (12.0 - 10.0) * (12.0 - 10.5) * (12.0 - 11.0) * (12.0 - 11.5) * (12.0 - 12.5)) + 5.1 * ((x + 2.5) * (x + 2.0) * (x + 1.5) * (x + 1.0) * (x + 0.5) * (x - 0.0) * (x - 0.5) * (x - 1.0) * (x - 1.5) * (x - 2.0) * (x - 2.5) * (x - 3.0) * (x - 3.5) * (x - 4.0) * (x - 4.5) * (x - 5.0) * (x - 5.5) * (x - 6.0) * (x - 6.5) * (x - 7.0) * (x - 7.5) * (x - 8.0) * (x - 8.5) * (x - 9.0) * (x - 9.5) * (x - 10.0) * (x - 10.5) * (x - 11.0) * (x - 11.5) * (x - 12.0))/((12.5 + 2.5) * (12.5 + 2.0) * (12.5 + 1.5) * (12.5 + 1.0) * (12.5 + 0.5) * (12.5 - 0.0) * (12.5 - 0.5) * (12.5 - 1.0) * (12.5 - 1.5) * (12.5 - 2.0) * (12.5 - 2.5) * (12.5 - 3.0) * (12.5 - 3.5) * (12.5 - 4.0) * (12.5 - 4.5) * (12.5 - 5.0) * (12.5 - 5.5) * (12.5 - 6.0) * (12.5 - 6.5) * (12.5 - 7.0) * (12.5 - 7.5) * (12.5 - 8.0) * (12.5 - 8.5) * (12.5 - 9.0) * (12.5 - 9.5) * (12.5 - 10.0) * (12.5 - 10.5) * (12.5 - 11.0) * (12.5 - 11.5) * (12.5 - 12.0))$$