Punto #6 Minnos (uadrados 
$$x^2(\alpha_0, \alpha_1) = \sum_{i=1}^{n} (y_i - (\alpha_0 + \alpha_1 x_i))^2 = y_i^2 - 2y_i(\alpha_0 + \alpha_1 x_i) + (\alpha_0 + \alpha_1 x_i)^2$$

$$= y_i^2 - 2y_i(\alpha_0 + 2y_i \alpha_1 x_i) + (\alpha_0^2 + 2\alpha_0 \alpha_1 x_i) + (\alpha_0^2 + 2\alpha_0 \alpha_1 x_i)^2$$

Anora

$$\frac{\partial x^{2}}{\partial a_{0}} = -2 \sum y_{1} - \alpha_{1} \sum x_{1} = y_{1} - \alpha_{1} x_{1}^{2} = \sum y_{1} - \alpha_{1} \sum x_{1} = y_{1}^{2} - \alpha_{1} x_{2}^{2}$$

$$\frac{\partial x^{2}}{\partial a_{0}} = 2 \sum y_{1} x_{1} + 2 \alpha_{1} \sum x_{1} + 2 \alpha_{1} \sum x_{1}^{2} = 0 = - \sum y_{1} x_{1} + (\sum y_{1} + \sum \alpha_{1} \sum x_{1} + \sum \alpha_{1} \sum x_{1}^{2} = 0)$$

$$+ \alpha_{1} \sum x_{1}^{2} = 0$$

minimizhmos  

$$\chi^{2}(\alpha_{01}\alpha_{11}\alpha_{2}) = \sum_{l=1}^{\infty} (y-(\alpha_{0}+\alpha_{1})x_{1}+\alpha_{2}x_{1}^{2})$$
  
 $\pm 0x^{2} = -2\xi y + 2N\alpha_{0}+2\alpha_{1}\xi x_{1}+2\alpha_{2}\xi x_{1}^{2}=0$   
 $\sum_{l=1}^{\infty} [\alpha_{0}+\alpha_{1}x_{1}+\alpha_{2}x_{1}^{2}] \cdot \frac{y_{1}}{N} = y_{1}^{2}$   
 $\lim_{l=1}^{\infty} (y-(\alpha_{0}+\alpha_{1})x_{1}+\alpha_{2}x_{1}^{2}) \cdot \frac{y_{1}}{N} = y_{1}^{2}$ 

$$\frac{1}{\sqrt{3}} = -22y_1 \times i^2 + 24_1 \times 2x_1 + 24_2 \times x_1 = 0$$

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