Sarib Minimos 6 A FUNCION A MINIMIZAT es:  $\chi^{2}(\alpha_{0},\alpha_{1},\alpha_{2}) = \frac{N}{2} \left( \gamma_{1} - (\alpha_{0} + \alpha_{1} \times_{1} + \alpha_{2} \times_{i}^{2}) \right)^{2}$ MACEMOS detivados PATCIAles e igualamos 00:  $\frac{3x^2}{3aa} = -2 \left\{ \left( \frac{1}{1} - \left( \frac{1}{2} \cos \left( \frac{1}{2} x_1 + \frac{1}{2} x_1 + \frac{1}{2} x_1 + \frac{1}{2} \cos \left( \frac{1}{2} x_1 + \frac{1}{2} x_1 + \frac{1}{2} \cos \left( \frac{1}{2} x_1 + \frac{1}{2$ Simplifican do EY1 = E (ao raix, farx?)

01: dx = -25 x; (y; - (a, +a, x, +a, x, +a, 2x)) =0 901 Simplificalso Exiy = E (00x; +dix2; +02x3;) 0.2:  $\frac{\partial x^2}{\partial x^2} = -2 \sum_{i=1}^{N} \frac{1}{2} \left( \frac{1}{2} - \frac{1}{2} - \frac{1}{2} - \frac{1}{2} + \frac{1}{2} - \frac{1}{2} \right) = 0$ 5 inplificanto  $\Sigma \times \chi^{3} = \widetilde{\Sigma} (\alpha_{0} \times \chi^{3} + \alpha_{1} \times \chi^{3} + \alpha_{2} \times \chi^{4})$ 



