Melhor aproximação: le todo des Minumos woold IMME

 (x_i, y_i) V_{2} L.I.: linearmente indépendent Problema: Emention 3 = ao (x) + au (x) + ooo +

= _ C ^ • • •

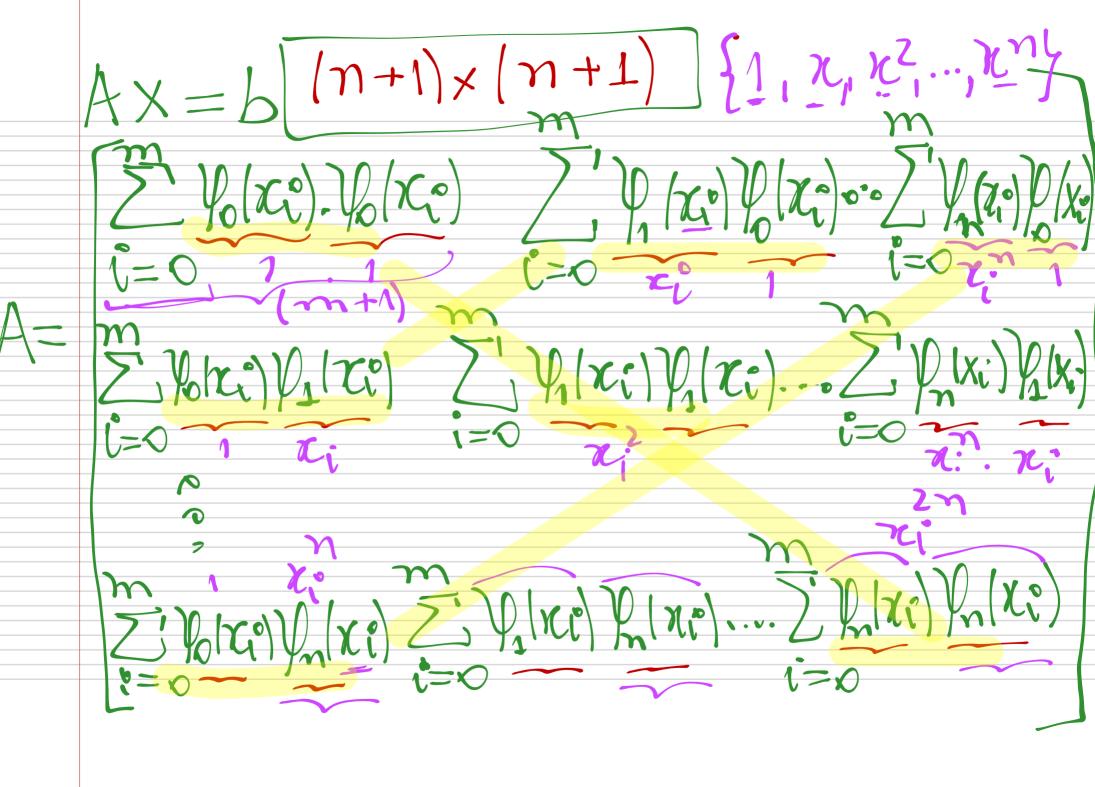
$$0 = 2 \sum_{i=0}^{m} (a_0 V_0(x_i) + \cdots + a_n) k(x_i) - y_i \cdot y_i$$

$$\sum_{i=0}^{m} (Y_0(x_i) \cdot Y_0(x_i) \cdot a_0 + V_1(x_i) \cdot Y_0(x_i) \cdot a_1 + \cdots$$

$$\sum_{i=0}^{m} (Y_0(x_i) \cdot Y_0(x_i) \cdot a_0 + V_1(x_i) \cdot y_0 \cdot x_i) \cdot a_1 + \cdots$$

$$\sum_{i=0}^{m} (Y_0(x_i) \cdot Y_0(x_i) \cdot a_0 + V_1(x_i) \cdot a_0 + V_1(x_$$

Yolxi). Yolxi), ao + Y,(xi) Yolxi)



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Ø O 6 (m+1)x1 mt Corro Porticular: Pelmemal In $|x| = ao + a_1.x + a_3x^2 + oootanx$ $1, x, x^2, e^2$

P O

