Mínimos cuadrados 6: $\frac{\partial \mathcal{X}^{2}}{\partial \Omega_{0}} = 0 = -2 \stackrel{?}{\underset{i=1}{\sum}} (y_{i} - \Omega_{0} - \Omega_{1} x_{i})$ $0 = \stackrel{?}{\underset{i=1}{\sum}} (y_{i} - \Omega_{0} - \Omega_{1} x_{i}) \longrightarrow \Omega_{0} = \stackrel{?}{\underset{i=1}{\sum}} y_{i} - \Omega_{1} \stackrel{?}{\underset{i=1}{\sum}} x_{i} = \stackrel{?}{y_{i}} - \Omega_{1} \stackrel{?}{\underset{i=1}{\sum}}$ $\frac{\partial \chi^2}{\partial \Omega_1} = 0 = -2 \sum_{i=1}^{n} \Omega_i (\gamma_i - \Omega_0 - \Omega_i \chi_i) = -2 \sum_{i=1}^{n} (\Omega_i \gamma_i - \Omega_0 \Omega_0 - \Omega_i^2 \chi_i)$ $\hat{Z}_{1}(Q_{1}, y_{1} - Q_{1}, \hat{Z}_{1}, y_{1} - Q_{1}^{2}, \hat{Z}_{1}, x_{1}^{2} - Q_{1}^{2}, x_{1}^{2}) = \emptyset$ $0, \frac{1}{2}, y_i - 0, \frac{1}{2}, \frac{1}{2}, y_i - 0, \frac{1}{2}, \frac{1}{2}, x_i - 0, \frac{1}{2}, x_i = 0$ = 0,(Zy: - 25y;) - 0,2(EEX; + EX;) FOR (EX) +0,2(EX)+2x;) +0 $0 = \Omega_1^2 \left(\frac{\Sigma X_i}{\Lambda} + \Sigma X_i \right) \sim \Omega_1 \left(\Sigma Y_i - \frac{\Sigma Y_i}{\Lambda} \right)$ $-\frac{z}{y_1} + \frac{zy_1}{n} - zy_1 + \frac{zy_1}{n} - \frac{zy_1}{n} - \frac{zy_1}{n} - \frac{zy_1}{2} - \frac{zy_1}{n} - \frac{zy_1}{n$ b) $\chi^2(\alpha_0,\alpha_1,\alpha_2)=0=\frac{2}{2}(\gamma_1-(\alpha_0+\alpha_1,x_1+\alpha_2x_1^2))^2$ -) poderos desacer- $Z(y_1 - Q_0 - Q_1 \times 1 - Q_2 \times 1^2) = Q \rightarrow Z[y_1 = Q_0 + Q_1 \times 1 + Q_2 \times 1^2]$ Pova calcular las 3 incognitas necesitanos 3 ecuaciones linealmente independientes. Podemos lograr esto multiplican. do por Xi, y Xi2. Entonces: [[y = Q + Q | X + Q X | 2] = [Xiy: = QoX; +Q, Xi2+Q2X; 3] 2 [X,2/1=00X,2+0,X,3+02X,4] El proceso strue para todos los grados!