ラマリサイフリ) Jo= Po+Bixi+E 1=1,--, n Ex=(y-po-6,74). Least square Estiration. $S(\beta_0,\beta_1) = \frac{1}{2} \xi^2 = \frac{1}{2} (y_1 - y_1)^2$ = 1/2 (Bo+RiZz))

(Bo, B, O) Convex fth $\frac{2S(\beta_{0},\beta_{1})}{2\beta_{0}} = 2 \cdot \frac{2}{2} \left[\frac{1}{3} - \left(\frac{1}{3} + \frac{1}{3} \right) \left(\frac{1}{3} \right) - \frac{2}{3} \right] = 0$ $\frac{\partial S(b_0,b_1)}{\partial A_1} = 2 \cdot \frac{1}{2} (y_1 - (b_1 + b_1 + b_1))(-x_1) = 0.$ 到5211层战은 出现可量安全 经全年 空气 到水川市本章电 利利中, $\frac{\lambda_{1}^{2}-\beta_{0}\cdot\eta_{1}-\frac{\lambda_{1}^{2}}{\beta_{0}}}{2\lambda_{1}^{2}-\beta_{1}}\frac{2\lambda_{2}^{2}}{2\lambda_{1}}=0$

 $= \frac{2 \left(\lambda - \overline{\lambda} \right) \cdot y_i}{2 \left(\lambda - \overline{\lambda}_i \right)^2}$ (1) = 3-p, 7. 过了对何多路是了线型 可能學 到了图 圣经 好是 升到 到对 到时 (BLUE, Best Linear Unbiased Estimator 对的日光到了 光到的中 建步台至 对到外上 外省在各有日子发生) $\frac{7}{4} = \frac{1}{2} \times \frac{1}{1} \times \frac{1}{1} = \frac{7}{2} \times \frac{1}{1} = \frac{7}$ 与李邓强则望到 3年日省中 $S(\beta) = e' \cdot e = (Y - X\beta)'(Y - X\beta)$ $= \left(\begin{array}{c} \left(\right) \right)} \right) \right) \\ \end{array}{c} \right) \\ \end{array} \right) \end{array} \right) \end{array} \right) \\ \left(\begin{array}{c} \left(\right) \right) \right) \\ \end{array} \right) \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\begin{array}{c} \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ \end{array} \right) \end{array} \right) \end{array} \right) \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ \end{array} \right) \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ \end{array} \right) \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ \end{array} \right) \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ \end{array} \right) \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ \end{array} \right) \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ \end{array} \right) \\ \left(\begin{array}{c} \left(\right) \end{array} \right) \\ \left(\begin{array}{c} \left(\right)$ $= YY - YX(3 - \beta XY + \beta XX)B - (xy(bx(py))((p+1)x))$ $0 - 2x'y' + 2x^{2}x'y' - 2\beta x'y' + \beta^{2}x'x'$ $= 2x^{2}x'y' - 2\beta x'y' + \beta^{2}x'x'$ $= 2x^{2}x'y' - 2\beta x'y' + \beta^{2}x'x'$ $= 2x^{2}x'y' - 2x^{2}x'y' + \beta^{2}x'x' +$ => X/X (} = X' Y