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$$\begin{cases} \frac{2}{2\alpha_{0}} \frac{n}{2} \left(y_{1} - (\gamma_{0} - \gamma_{1} \chi_{1})^{2} = 0 & \cdots & 0 \right) \\ \frac{2}{2\alpha_{0}} \frac{n}{2} \left(y_{1} - \beta_{0} - \beta_{1} \chi_{1} \right)^{2} = 0 & \cdots & 0 \end{cases}$$

$$(y_{1}-\beta_{0}-\beta_{1}\chi_{1})=0 \ \ \exists \ \ \chi_{1}-\eta_{0}-\beta_{1} = \chi_{1}=0 \ .$$

$$(\Rightarrow \beta_0 = \frac{1}{h} \sum y_1 - \beta_1 \frac{1}{h} \sum x_1 . (\Rightarrow \beta_0 = \overline{y} - \beta_1 \overline{x}.$$

$$(=)$$
 $G_1(n(\overline{\chi})^2 - 2\chi_7^2) + 2\chi_7^2(-\overline{y}) - \overline{y} + 2\chi_7^2(-\overline{y}) = 0$.

(메川寺安)

$$S_{xy} = \sum_{i=1}^{n} (x_i - \overline{x}) (y_i - \overline{y}) = \sum_{i=1}^{n} (x_i - \overline{x}) y_i.$$

$$LHS = \sum_{i=1}^{n} x_i \overline{y} - n \overline{x} \overline{y} = \overline{y} \sum_{i=1}^{n} x_i - n \overline{x} \overline{y} = 0$$

$$S_{xxy} = \frac{n}{2} [\chi_{7} - \chi) y_{1} = \frac{n}{2} \chi_{7} y_{7} - \chi_{7} y_{7} = 2\chi_{7} y_{7} - \chi_{7} y_{7} = \chi_{7} y_{7} + \chi_{7} y_{7} = \chi_{7} y_{7} + \chi_{7} y_{7} +$$