Puntos teóricos

4.
$$\begin{vmatrix} a_{11} & 0 & 0 & 0 & 0 \\ a_{21} & a_{22} & 0 & 0 & 0 \\ \vdots & \vdots & \ddots & \vdots \\ a_{i1} & \ddots & \vdots & \vdots \\ a_{ij} & \chi_{i} & \vdots & \vdots \\ a_{21}\chi_{i} + a_{22}\chi_{2} = b_{2} \\ b_{i} & \chi_{2} = b_{2} - a_{21}\chi_{i} \\ \chi_{i} & \vdots & \vdots \\ \alpha_{i} & \vdots & \alpha_{ij}\chi_{j} & \alpha_{22}\chi_{2} \end{vmatrix}$$

$$\chi_{i} = \begin{vmatrix} b_{i} - \sum_{i=0}^{j} a_{ij}\chi_{j} & \alpha_{22}\chi_{2} \\ \vdots & \vdots & \vdots \\ \alpha_{i} &$$

5.
$$|a_{11}, a_{12}, a_{13}, a_{1j}| \begin{pmatrix} \chi_{1} \\ \chi_{2} \\ 0 \\ 0 \end{pmatrix} = a_{12} a_{33} a_{1j} a_{1j} = b_{1j} a_{1j} = b_{1j} a_{1j} a_$$

6.
$$\chi^{2}(a_{0}, a_{1}) = \sum_{i=1}^{4} (y_{i} - (a_{0} + a_{1}x_{i}))^{2}$$

$$dx^{2} = 2(y_{i} - (a_{0} + a_{1}x_{i}))$$

$$(-1) = -2y_{i} + 2a_{0} + 2a_{1}x_{i}$$

$$\sum_{i=1}^{4} (a_{0} + a_{1}x_{i} - y_{i}) = 0$$

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$$\sum_{i=1}^{4} (a_{0} + a_{1}x_{i})$$

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$$\frac{\partial x^{2}}{\partial a_{1}} = 2(y_{i} - a_{0} - a_{1}x_{i}) \cdot x_{i}$$

$$2(y_{i} - a_{0} - a_{1}x_{i})(x_{i}) = 0$$

$$-y_{i}x_{i}^{*} + a_{0}x_{i}^{*} + a_{1}x_{i}^{*} = 0$$

$$-y_{i}x_{i}^{*} + a_{0}x_{i}^{*} + a_{1}x_{i}^{*} = 0$$

$$a_{1}x_{i}^{*} = y_{i}x_{i} - a_{0}x_{i}$$

$$a_{1}x_{i}^{*} = y_{i}x_{i} - y_{i}x_{i} - y_{i}x_{i}$$

$$a_{1}x_{i}^{*} = y_{i}x_{i} - y_{i}y_{i}x_{i} + a_{1}y_{i}x_{i}$$

$$a_{1}x_{i}^{*} = y_{i}x_{i} - y_{i}y_{i}x_{i} + a_{1}y_{i}x_{i}$$

$$a_{1}(x_{i}^{*} + x_{i}^{*} - y_{i}y_{i}x_{i}) + a_{1}y_{i}x_{i}$$

$$a_{1}(x_{i}^{*} + x_{i}^{*} - y_{i}y_{i}x_{i}) + a_{1}y_{i}x_{i}$$

$$a_{1}(x_{i}^{*} + x_{i}^{*} - y_{i}x_{i}) + a_{1}y_{i}x_{i}$$

$$a_{2}(x_{i}^{*} + x_{i}^{*} - y_{i}x$$

*2(χ_{i}^{2} -($\alpha_{0}+\alpha_{1}\chi_{i}^{2}+\alpha_{2}\chi_{i}^{2}$))(-1)=0 $\Sigma \alpha_{0} + \alpha_{1}\chi_{i}^{2}+\alpha_{2}\chi_{i}^{2}=\chi_{i}$ $\Sigma (\chi_{i}^{2}-(\alpha_{0}+\alpha_{1}\chi_{i}^{2}+\alpha_{2}\chi_{i}^{2}))(-\chi_{i}^{2})=0$ $\Sigma (-\chi_{i}^{2}\chi_{i}^{2}+\alpha_{0}\chi_{i}^{2}+\alpha_{1}\chi_{i}^{2}+\alpha_{2}\chi_{i}^{2}=0)$ $\Sigma (-\chi_{i}^{2}\chi_{i}^{2}+\alpha_{0}\chi_{i}^{2}+\alpha_{1}\chi_{i}^{2}+\alpha_{2}\chi_{i}^{2}=0)$ $\Sigma (-\chi_{i}^{2}\chi_{i}^{2}+\alpha_{1}\chi_{i}^{2}+\alpha_{2}\chi_{i}^{2}=0)$ $\Sigma (-\chi_{i}^{2}\chi_{i}^{2}+\alpha_{2}\chi_{i}^{2}+\alpha_{2}\chi_{i}^{2}=0)$ $\Sigma (-\chi_{i}^{2}\chi_{i}^{2}+\alpha_{2}\chi_{i}^{2$