

Bevington, s105, ekvation (6.10)

$$\begin{aligned}\frac{\partial}{\partial b} X^2 &= \frac{\partial}{\partial b} \sum \left[ \frac{1}{\sigma_i} (y_i - a - bx_i) \right]^2 \\ &= \sum \left[ \frac{1}{\sigma_i^2} 2(y_i - a - bx_i)(-x_i) \right]\end{aligned}$$