

$$\hat{X} = (A^{T}MA)^{-1} \left[-A^{T}M^{-1}W + C^{T}(C(A^{T}M^{-1}A)^{-1}C^{T})^{-1} \cdot \left[-W_{c} + C(A^{T}M^{-1}A)^{-1}A^{T}M^{-1}W \right] \right]$$

Dons notre Cas: P=M?; B-I; N= ATPA; V= ATM^W

$$\frac{1}{X_c} = \frac{1}{X_c} + \frac{1}{N^2C^T} \left(C[CN^{-1}C^T]^2 [-W_c + CN^{-1} U] \right)$$

$$\frac{\Lambda}{X_{c}} = \begin{pmatrix} -2,33 & cm \\ -6 & 2 \end{pmatrix}$$

$$= \frac{\sqrt{7.7.7}}{6+2-3} = \frac{\sqrt{7.7.7}}{5} = 5.9.cm^{2}$$

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