$$X_{i} = A + Bi + W_{i}$$

$$\int_{1}^{1} (X_{i}) = \frac{1}{|2\pi\sigma_{i}^{2}|} e^{-\frac{|X - (A+Bi)|^{2}}{2\sigma_{i}^{2}}}$$

$$\int_{1}^{2} = \frac{N}{2} - \frac{1}{2} \ln (2\pi\sigma_{i}^{2}) - \frac{(X - A - Bi)^{2}}{2\sigma_{i}^{2}} = \frac{1}{|X|^{2}} \left[NX - NA - \frac{N(N+1)}{2} B \right]$$

$$\frac{NL}{NA} = \sum_{i=1}^{N} 2 \frac{X - A - Bi}{2\sigma_{i}^{2}} = \sum_{i=1}^{N} \frac{X - A - Bi}{|\sigma_{i}^{2}|} = \frac{1}{|Y|^{2}} \left[NX - NA - \frac{N(N+1)}{2} B \right]$$

$$\frac{NL}{NB} = \sum_{i=1}^{N} \frac{X - A - Di}{|\sigma_{i}^{2}|} = \frac{1}{|\sigma_{i}^{2}|} \left[\frac{N(N+1)}{2} X - \frac{N(N+1)}{2} A - \frac{M(N+1)}{G} (2n+1) B \right]$$

$$HTH = \begin{pmatrix} 1 - 1 \\ 1 - N \end{pmatrix} \begin{pmatrix} 1 \\ 1 \\ 1 - N \end{pmatrix} = \begin{pmatrix} 1 \\ 1 \\ 1 - N \end{pmatrix} \begin{pmatrix} 1 \\ 1 \\ 1 - N \end{pmatrix} = \begin{pmatrix} N - \frac{N(N+1)}{2} \\ N(N+1) \\ N(N+1) \end{pmatrix}$$

$$\begin{pmatrix} \frac{NL}{N} \\ \frac{N}{N} \\ \frac{N}{N} \end{pmatrix} = \frac{1}{|Y|^{2}} \left[HTX - HTH \begin{pmatrix} A \\ B \end{pmatrix} \right] = \sum_{i=1}^{N} \begin{pmatrix} A_{i} \\ B \end{pmatrix} = (HTH)^{i}HTX$$

SLIDE 42: ODHADY PAR, LIN. MODELU

Mote fullade "

pourish jumy ils

me to N

pridal mice extermide materials