LHE in Matrix - Vector Nofation Inskad of witing the model for each observa.Ha. Yijk = M+/ji + Ui + eijk we group all observations into vector y

y = [ys] = [2.61]

y = [ys] = [3.16] Group all fixed effects into vector B Group all breedily values into vector in $u = \begin{bmatrix} u_1 \\ u_2 \\ u_{27} \end{bmatrix}$ vector of rousom residuals $e = \begin{bmatrix} e_{12} \\ e_{13} \end{bmatrix}$ Matrices X and Z are destin matrices.