vector u of breeding values is unknown and must be predicted from the date. The connection between which breeding value is associated with which observation is given by the design matrix 7. vector e of random error terms. The vector e is of knoth n which is the same length as the vector of observations y. 0.4 + 0.12 + 1.43 + Quy + 0.45 Combining (1) -(4): les 114 45 UG