. WH BUP, it can be shown that $cov(u,\hat{u}) = var(\hat{u})$ -p var(u-û) = var(u) - Zvar(û) + var(û) = var(u) -var(u) - PEV (u) Prediction Error Variance of u D Aim of Prediction of breeding values;
- a and its variance (var(a)) should be as

- is and its variouse (var(i)) should be as close as possible to fine broading value U

- D. var(u) - var(ii) is very small = D PEV of is sury small