Garanik Relation Ship Matrix (G) a Variana-Covariana matrix of generally breedy values (3) var(9) = G . Fq 17 Properties of genomic breeding values (9) - linear combinations of marker effects of - deviations = E(g) = 0- G should be similar to A => diagonal elements should be domikant - high eff-diagonal elements only for animals with high relationship a Genetic back ground \*A is bould on ideality by abscent

\*G is additionally also considerily ideality by

tak relationships