Recap 2022-11-11: a Numerator Relationship Matrix A I Inverse A' is used in MRE A Matrix A contains elements that quantity the probability of two animals sharing common alleles by descent. Identify by descent (180) two alleles being ropies of the same Diagonal elements of A contain information about inbreeding coefficient (Fi) of enimal i. Fi is related to the probability of two alless in the same enimal are identical by descent Fi can be computed from the relationship coefficient - (off-diagonal element of A) between parents 5 and d of i.