Variance var(Ui) of breedily value Ui of

var(ui) = (1+ Fi) 6u2 where Fi: inbrecoling coefficient of animal i

Fi = 1/2 (A)3d where is and of are some powers of i

varlui) = (A) ii Fu = (1+Fi) Fuz C) Because =D (A) ii = 1+Fi

bibreeding is related to the probability of two allies at one given locus in a given animal i are identical by alescent.

