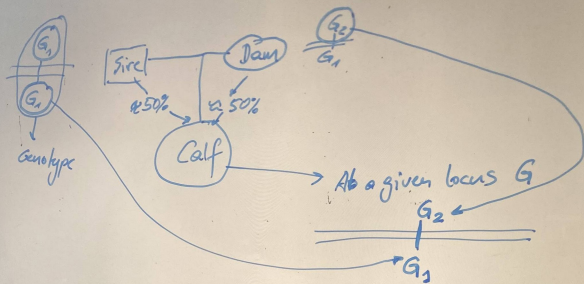# Genetic Relationship

Genotype

At a given locus G

G_2

G_1

Prediction of Breeding Values

- Solving large systems of Linear equations
  - (Technical)
- Breeding values are unknown
- Observations are knowns