a ME

$$XX \cdot be^{2}$$
 $YX \cdot be^{2}$ 
 $YX \cdot be^{2}$ 

a From data set (pedignee) we can see that sires 1-3 do not have any known parents

\_ or set when their effects is a: cov(Sn, Sz)

$$= cov(S_1, S_3)$$

$$= cov(S_1, S_2) = 0$$