Guan: Breedig Value for animal BVM = 2. (MM-M) when M= (p-q)a+2pqal Un: average genetypic value of offsprily from
GaGa parent: $f(G_{\mathbb{Z}})=p \qquad f(G_{\mathbb{Z}})=q$ $f(G_1)=f(G_2)=1.p$ $f(G_2)=1.q=q$ $f(G_2)=0$ Offspring -- Mu = VM · f(GMGn) + Viz. f(GMGz) = a.b + d.d in BV = 2 (m - h) = 2 (a.p + dq - [p-q)a+2pqd]