

(10)

Difference: $V_{ij} - BV_{ij}$

$$\Delta_{ij} = V_{ij} - BV_{ij} : G_1 G_1$$

$$\Delta_{11} = V_{11} - BV_{11} = a - 2q\alpha$$

$$= a - 2q(a + (q-p)d)$$

$$= a - 2qa - 2q(q-p)d$$

$$= a - 2qa - 2q^2d + 2pqd$$

$$= a(1-2q) - 2q^2d + 2pqd$$

$$= \underbrace{[(p-q)a + 2pqd]}_{\mu} - \underbrace{2q^2d}_{D_{11}}$$

$$= \mu + D_{11} ; \text{ where } D_{11} = -2q^2d$$

$$G_1 G_2: \Delta_{12} = V_{12} - BV_{12} = d - (q-p)\alpha = \dots$$

$$= (p-q)a + 2pqd + 2pqd$$

$$= \mu + 2pqd$$

$$= \mu + D_{12}$$

$$G_2 G_2: \Delta_{22} = V_{22} - BV_{22} = \dots = \mu + D_{22}; D_{22} = -2p^2d$$