MSTW Parametrization

$$\begin{array}{rcl}
\alpha & = & \alpha - \overline{\alpha} \\
d & = & \alpha - \overline{\alpha} \\
d & = & \overline{\alpha} - \overline{\alpha$$

$$\overline{u} = + \overline{d} = 0.5 \quad (seq - \overline{d})$$

$$2 \overline{u} = \Delta + \frac{1}{2} \quad (seq - \overline{d})$$

$$\overline{u} = 0.5 \times \Delta + 0.25 \times (seq - \overline{d})$$

$$2 \overline{d} = 0.5 \quad (seq - \overline{d}) - \Delta$$

$$= 0.25 \times (seq - \overline{d}) - 0.5 \Delta$$

$$0_3: \mathcal{H} - \mathcal{R} = (u + \bar{u}) - (d + \bar{u})$$

$$0_3: \mathcal{U}_u - du - 2 \mathcal{O}$$

$$= \mathcal{U}_u - du - 2(\bar{u} - \bar{d})$$

$$= \mathcal{U}_u + \mathcal{O}_u + \mathcal$$

$$a_0 = U + D + S_1$$
 $= 64x + dv + Sea$
 $= (u - a) - (d - a) - (d - a)$

$$a_{3}^{m}: (u-\bar{u}) - (d-\bar{d}) = u_{0} - d_{0}$$

$$a_{7}^{m}: (\bar{u}-\bar{u}) + (d-\bar{d}) - 2(s-\bar{s})$$

$$= u_{7} + d_{7} - 2s_{7}$$

$$Q_{0}: V - D$$

$$= (u + \overline{u}) - (d + \overline{d})$$

$$= (u + 2\overline{u}) - (dv + 2\overline{d})$$

$$= \alpha u - dv + 2(\overline{u} - \overline{d}) = uv - dv + 2D.$$

$$\begin{array}{rcl}
a_8 : & 0+0-25 \\
&= (u+u)+(d+a)-25 & ok \\
&= uv+dv+2(u+a)-25 \\
&= sea-5 \\
&= un+dv+sea-35
\end{array}$$