1, 9= Mm { L, K} 9=21+3k 9=5LK MPL = 0.2 $L^{\frac{3}{2}}$ (0.2 $L^{\frac{1}{2}}$ + 0.8 $L^{\frac{3}{2}}$) MPL = 2 MPK = 3 X $MP_L = 5K$ $MP_K = 5L$ MP 14 (K)-1.5 MRTS = MPL MPK 1,0,00 CRS CRS CRS IRS 規模報酬 $\mathcal{E}_{L} = 0.2L^{-\frac{1}{2}}(0.2l^{-\frac{1}{2}} + 0.8K^{\frac{1}{2}})^{-1}$ $\dot{\mathcal{E}}_{K} = 0.8K^{-\frac{1}{2}}(0.2l^{-\frac{1}{2}} + 6.8K^{\frac{1}{2}})^{-1}$ $\xi_1 = \frac{2L}{2L+3k}$ $\xi_k = \frac{3k}{2L+3k}$ £L= £K=1 X 生產力彈性 2 0 **稻化弹性** (o = dln E dln MRTS) AP = ZL+3k APL = 5K APK = 21+3k APK= 5L 2, Q=3K+2L (3) MRTS = $\frac{MP_L}{MP_W} = \frac{2}{3}$ (1) EL = 3/42L (2) $MP_{L} = 2$ MPK = 3 為固定. Ex= 3+ 3k+2L 為固定 E= EL+ EK= 1 > CRS.