AM26016 经海二2 黄伯動 Week3. 作業 Cobb-Donglas 生產函數計算 Q=f(L,K)=Lak, 0, 8>1 (1) 產出彈性: 勞動平均產量APL = Q = LXK = LX-1K 勞動這際產量M2 = △Q = α Lα-1 KB 資本平均產量AR = Q = LXK = LX (2) 生動彈性 Q=f(OL,QK)= Qata Laka  $\frac{\partial H \pm \frac{2}{4}\partial J_{\mu}^{\mu} + \frac{\Delta Q}{Q}}{\frac{\Delta Q}{Q}} = \frac{\Delta Q}{Q} = \frac{(\alpha + \beta)Q^{\alpha + \beta - 1}Q^{\alpha}}{Q^{\alpha + \beta}Q^{\alpha + \beta - 1}Q^{\alpha + \beta}Q^{\alpha + \beta - 1}Q^{\alpha + 1}Q^{\alpha + 1}Q^{\alpha + 1}Q^{\alpha + 1}Q^{\alpha + 1}Q^{\alpha + \beta - 1}Q^{\alpha + 1}Q^{\alpha$ (3) 是障替代字(MRTS) = MPL = XLX-1KB-1 = XK BL. 替代3單性 = dln(长) = dln(长) = dln(长) = 1