(4,(x)=x1/8 5t. 48+44 2  $u_1^8 + u_2^4 = 2 \longrightarrow u_2^4 = 2 - u_1^8 \longrightarrow u_2 = (2 - u_1^8)^{1/4}$ mad  $u_{1}(2 u_{1}^{8})^{1/4} \longrightarrow \frac{\partial f}{\partial u_{1}} = (2 - u_{1}^{8})^{1/4} + u_{1}(-8u_{1}^{7})(2 - u_{1}^{8})^{-3/4} = 0$   $u_{1}7^{\circ} = (2 - u_{1}^{8}) - 2u_{1}^{8} = -3u_{1}^{8} = 2/3$   $\frac{\partial^{2} f}{\partial u_{1}^{2}} = -24u_{1}^{7} < - \rightarrow 0$   $u_{1} = (2/3)^{1/8}, x_{1} = 2/3 \longrightarrow 33\%$ 142=(4/3)4,72=4/3\_-66/. : job 5, 4 - 13 - 11  $u_1^8 + u_2^4 = 2$ gradient 4[847, 4423] 560,6 Desitive

12 az Desitive