Мо (0.5;0.5) $\frac{M_{o}(0.5)0.5)}{(1+(M_{o}))} = 32_{2} - 22_{1}x_{2} - x_{1}^{2} = 0.75$ $\frac{d X_{1}}{d X_{2}}$ df(Mo) = 321-x1-22211=0.75 11=110-n1 df (Md) = 0.5-h1-0.75 121 = 0. 7 - h, of (Mo) = 0.5 - h, 0.75 $f(\chi_{21})^{1}(\chi_{22}) = 3(0.5 - h_{10}, 0.75)^{2} - (0.5 - h_{10}.75)^{3} - (0.5 - h_{10}.75)^{2} = 3(0.5 - h_{10}.75)^{2} - 2(0.5 - h_{10}.75)^{3}$ $\frac{df}{dt} = 0 \quad \text{per} \quad h_1 = -\frac{2}{3} \approx -0.667$ $UTep 2: \chi_{11} = 0.5 + 0.667 \cdot 0.75 = 1.00025$ M1 (1.00025) Ze = 0.5 + 0.66 7.0.75 = 1.00025 $\frac{dt}{du} = -0.00075 \quad \frac{dt}{dx_2} = -0.00075$ x31 = x21 - h2 · (-0.00075) - 1.00025 + h2 · 0.00075

+(x32)x33) = 3 (1.00025+ h2.0.00075)2-2(1.00025+ + h2-0.00075)3 $\frac{df}{dh_{1}} = 0 \Rightarrow h_{2} = -0.33$ $2_{31} = 1.00025 \text{ to } 0.33 \cdot 0.00075 = 1.0000025$ 01/2 all

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$$f(x_{1};n_{1}) = 3n_{1}x_{2} - \lambda_{1}^{2}x_{2} - \lambda_{1}n_{2}^{2}$$
 $df = 3n_{2} - 2n_{1}x_{2} - \lambda_{1}^{2}$
 $df = 3n_{2} - 2n_{1}x_{2} - \lambda_{1}^{2}$
 $df = 3n_{1} - x_{1}^{2} - 2n_{2}x_{1}$
 $\chi^{(0)} = (0.5; 0.5)$
 $f = 0.5$
 $\nabla f = \begin{pmatrix} 0.75 \\ 0.75 \end{pmatrix} \quad \lambda = 0.25$

Use $f: x_{1}^{(0)} = x_{1}^{(0)} + \lambda \quad \nabla f(x^{0}) = 0 \quad \langle 0.5 \rangle + \lambda \begin{pmatrix} 0.75 \\ 0.75 \end{pmatrix} = 0.6875$
 $f(x_{1}^{(0)}) = 0.768$
 $|f(x_{1}^{(0)}) = |f(x^{(0)})| = |f(x^{(0)})| = |f(x^{(0)})| = 0.268$

Use $f(x_{1}^{(0)}) = |f(x^{(0)})| = |f(x^{(0)})| = |f(x^{(0)})| = 0.268$
 $|f(x^{(0)}) = |f(x^{(0)})| =$

 $f(X^{(24)}) = 0.938$ UTEP 3: $\chi^{(g)} = \chi^{(x)} + \chi \eta f(\chi^{(x)}) = (0.849) + (\chi_{0.25}(0.385) =$ $= \begin{pmatrix} 0.995 \\ 0.995 \end{pmatrix}$ + ()(2) = 0.991