Lecen 3 Examply

how much feed is needed?

$$\frac{F}{p} = \frac{x_0 - x_0}{x_F - x_0} = \frac{0.2 - 0.002}{0.007 \cdot 0.002} : 59.6$$

$$\rightarrow 39.6 \text{ Kg. natural 4}$$

how may Swu? W= PV(x,) + TV(x+) - F V(x)

 $V: (2x-1) | \ln \left(\frac{x}{1-x} \right)$ $V(x_{\mu}) : \left(\frac{\partial(0.0)}{\partial(0.00)} - 1 \right) | \ln \left(\frac{0.00}{1-0.00} \right) : 0.188$ $V(x_{\mu}) : \left(\frac{\partial(0.00)}{\partial(0.00)} - 1 \right) | \ln \left(\frac{0.000}{1-0.000} \right) : 0.188$ $V(x_{\mu}) : \left(\frac{\partial(0.00)}{\partial(0.00)} - 1 \right) | \ln \left(\frac{0.000}{1-0.000} \right) : 4.183$

T= F-A T= 396-10=396

W= 10(0.83)) + 396 (6.198) - 346 (4.495) = 461 SUU-Ry

Heat Junedian sate? Q = E, Nf Of \$ \$= 5×10,3 % ... e= 10.97 d/cc maos): 235 20.03 + 238 x 0.97 + 2x/6 £: 0.03 =37. = d69.9 3/mol 80.0 x 10.97 3/cc 1 ml 6.00xx0000 ml 1 100 x 0.00 } 6 n.912: 2'713 ×10,0 1,72/cc (= (200 ×10° eV) (1.00) ×10° [] (7.77) ×10° (20) (587×10°) × (5x 10" 22.5) Q: 690 5 = /690 20 /