$S_1 = \{H, L_3\}$  and  $S_2 = \{X, Y\}$ TF 1 Plays H, Payoff = 2. Player 1 Payoff =  $V_1(L, X) = 0$ Player 2 Payoff doesn't matter

a) Auger 1 H 2,0/2,1

Byoff for L=10.5=5

Byoff for H=.52

Byoff for H=.52

Byoff for H=.52

Plover 1 is Indifferent when 2 = 5

()  $\theta_2 = (\frac{1}{3}, \frac{2}{3})$ . Advoke at Player 1 Adving L? =  $\frac{1}{3} \cdot 0 + 10 \cdot \frac{1}{3} = 0 + \frac{24}{3} = \frac{20}{3}$