Max ZPEP Xp St. I. Epicer xp = Ge He EP D. xp =0 YPEP In this problem xp represents flow over paths, Constraints insures numerative edges on constraint 1 ensures no edge goes above it's constraint Ameximized Flow graph is only maxed if all subjects are mexed, since that what the linear program maximizes, this linear prog solves max flow Min Eclus Wyan Constraints 1. E You > 1 YPEP 2. Yu, v = O H(U, v) EE c) Rove that every cut provides a feasible soln today! linear pros equals capacity ofort Let you = 1 if uf A and v& Aelseyu, v=0. Then Ec(u,v)y(u,v) = E((u,v) = capace, ty(A)