QL1

Prave by contradiction

Assume P2+ (u, v) + P1

then Capacity(P2+ (u, v)) > Capacity (PL)

but this contradiots PL is MCP

So such P2 con't excist

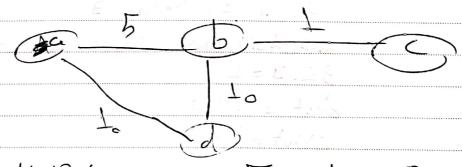
And we prove the question

P)

Poly Control of the worker

Poly Proposition of the worker

No, here's a country exemple



MQ(a,c) = Ea,b,cJ

but MCP(a,b) = [ce, d, b]

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les, we can use Disketta with few molifications Modified Diskette (G(V, E), 5) Init Mase hear PCA for VEVd Key[V] = - 00 K Neighbor [v) = rull Keq [5] = 0 for V E V do Endrusen (Pa, V) * Based on her While Pa # D] V:= Dequery (PR) for u such that (u, v) E E do if weget (a, V) + keg (Y)) key (w) then Neighbor [U] = Y Keg [U] = wight (U, V) + Key [V] Vizlote (Pa, W) Ketern Noighbra Pawey

311 HW4

1 -1 def function (A[o...m-1], n, m) det comp (c, b): Yetorn a-b≤n B= botten Lamy (Size = M) crut = 1 # crut station 1cst = m-1 While True for i= crut - last: if not comp (A [i], dirt): Error "Court cover" if izz lest: if A[i] - dict < N/2! Veturn B Bri== Li Vetun B if comp(Acia, dot) and not comp (Aci+La, dist): BLIJ=L dist = Aria

The algarithm is (i) where is the number of Steetiens