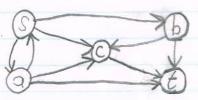
Connor Raymond Stewart

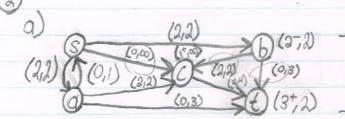
T5 MATH 3802

Tutorial:

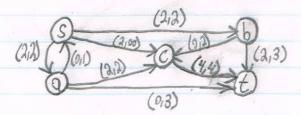


U=[2120023234]T 1 Capacity of are ei

4(8+(8)) = e3+e9+e6=2+4+3=9



(#++> room we have)



Problems:

(a) $M(8^{+}(s, 3)) = e_{1} + e_{3} + e_{9} = 2 + 2 + 4 = 8$ (a)

Thus, use: $e_{4} + e_{7} + e_{5} + e_{6}$ as new Path including e_{5}

New flow

b) $\mathcal{H}(s^+(s)) = e_3 + e_1 = 2 + 2 = 4$ $\mathcal{H}(s^-(s)) = e_2 + e_4 + e_6 + e_8 = 4 + 0 + 0 + 0 = 4$ thus, $u(s^+(s)) - u(s^-(s)) = 0$

