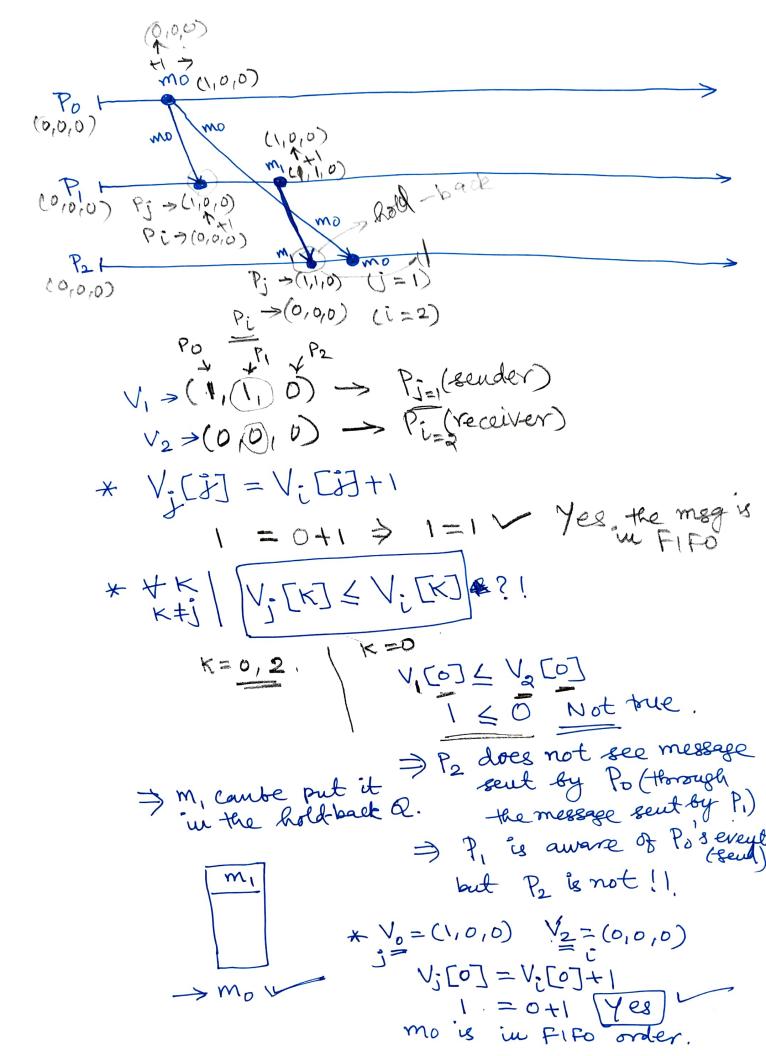
How do we implement CO? (Multicast Algo Sender > receiver?) Two Steps: When P; sends a message to Pi, it does: 04121 * V; [i] = V; [i] +1 * send megji with Vj (0,0))Pit > 15 EA = (0,0) P. (0,0) P. (0,1) When Pireceives a mag from Pj: (\(\frac{1}{1} + i\) Ax Is the message arrived in FIFO order: > Vi and Vi 30 83e n P. - received V; Cij = V; Cij +1; ?! Yes - FIFO No - Non-FIA (B)* (HK, K+j: V.[K] < V.[K]?[Both are true then deliver the message else hold the message in the hold-back

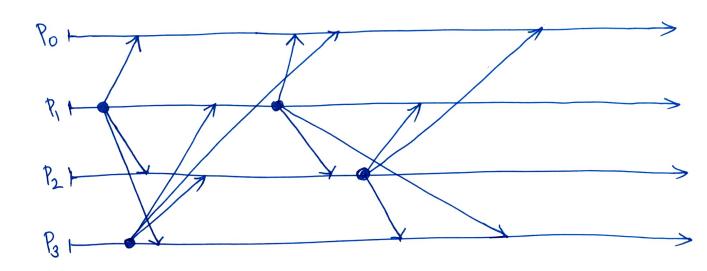


(0,0,0) * XK V; [K] & V; [K] K + J(=0) $K=1 \Rightarrow V_1[0] \leq V_2[0]$ K= {1,2} 0 < 0 K=2 > 1/2) < 1/2] > mo is following CO! > mo can be pret in delivery Quene > update $V_2 = (1,0,0)$ Now m. (first in hts Q) J=1, V= (1,7,0) 1=8, V2= (1,0,0) * V;[i] * Vi[i] +1. (For FIFO) Yes, the message is in (1,00)

V; [K] < V; [K]

V; [K] * XK K=012 => K=0, V; [0] & V; [0] 1 &1 / Yes. K=2, $V_{i}[2] \leq V_{i}[2]$ 0 50 V Yes > Both conditions are satisfied > m, can be put it in the delivery buene. B > 1/2 = ((), (), ()) (mo) Picmi)

Problem: 1 N=4



File Name:

Problem:2 N=3

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