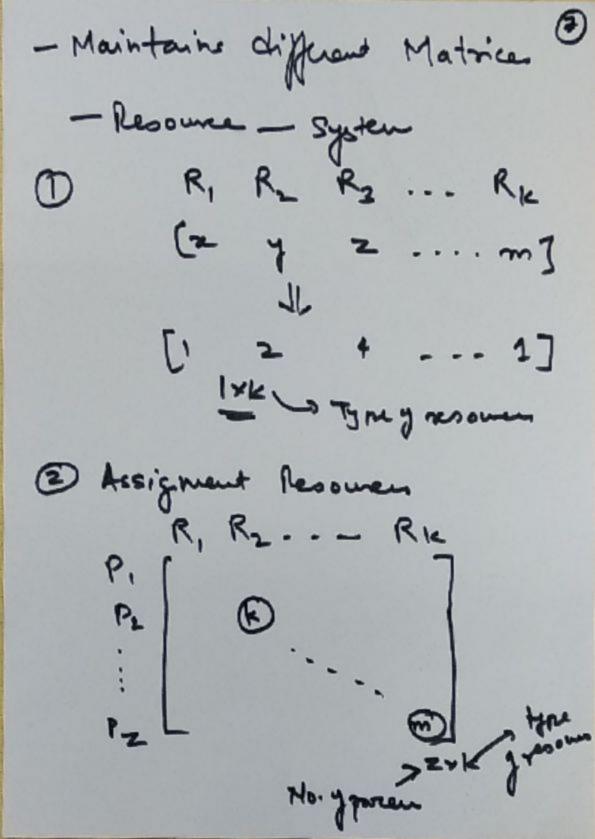
Dead lock Avoidace - aced, coptimal), Furnistic - Implementation - Difficult ammen that the 03 is fully awar and resource I that I proven will use I If Achieval, then implementate - Water - Waser Dates Sajety. y sage Unsafe CAny incorrect Resource augment) (hunid)

arguet of (Bourceto Alto) Deadlock Assignment Problem Study Study Study P,- R2 PI - RIRZ P\_ - ROR



Merd R. Rz. - R. P. P. O O · · · O - Pr has received K - Pr can finish and free the august resources. 1 Available Resource Presetry Assigned R P. R. Ry - . RILT -sum up columns

- Algo. / System has to be amone of maximum resoure requirems for all processes.

P. [ R. R. R. ] - Every value in the May. Roome Requirement massis is the tree may. see, req. In every process Need Madrix - represents / the resources still needed. Dill - Mar Res - Aceign. Madre Zule For every now in Headmathin, compute with currently available Alsome matrix. Gatleast one now -> Stark 1 Po Star 2 | 1532]

[15 20] tominate [1532]

Assign

Free 1532 | 1001 (state 3) 9 bo 1022

P3 R. Reg R, Acipy Ra Rey Re, R3
Arrige R.R P2 Raw R2