CSC 552 Banker's Algo PP+ Set 12 Slide 13° Finish Work = Available = [1 1 0] P f a f No processo s.t. Need, < warls · R + Unsate Slile 14: Wark = [2 1 1] tinish PXt Needp< Wark Q Xt +[010] =[27] Work += Allocp n Xt Safety Sequence Finishp= true [PQR] + [2 0 0] = (4 2 1] Need a < Work Finish a = true +[201]=[622] NeedR < Work (Sate) Finish R= true

() granted Slide 15: Assume Ris request Work = [1 1 0] Finish PF Slile 16 - No allocation possible Q f RF - request can't be greented Slile 21: Work = [0 0 0] Finish Poxt Po ok + [0 1 0] P, & t = [0 1 0] Paxt Pz ok + [3 0 3] Paxt Part = 3 0 0] + [[P. ok [Po P2 P, P3 P4] = 4 P3 ok 1] + [2 4 = 6 Pa ok 2 + 0 = 6

Stille 22: Work = 000 Po ok +010 Nobody else - Deadlack