Catastophuc logical - regular bockup in devices system (no data like magnetic tapes & Safeguard found, bed inputs) staty like to action maximum deadlak) consistency. A -> 1000 - 50 -> write (A)

B -> 2000 + 50 -> Byser write (B)

System ful

of Jechnique - on log based recovery 1) No redo no undo 1) Immediate debaban modification 1) Deferred database modification - shelow paging - Divide the detailer -> Delaying the - whenever we cancommitted into agreed no. of come out from write on the Horney Hock/ Fays failure if we physical blocks till have start of - Make directory the the data commit-redo the corresponding to each transaction is fransaction actually committed block in main of there is nemoy) I copy in Start and no (Reds and no unds/ commit & undo handdisk. The Fransaction - Changes in the Redo/undi blocks one willing N=1000 7000 to some new To read (A) log: location & then st. will be brought A = A - 50< To, Start > to harddish 2 write (A) (To, A,1000, 950) Sholowayis read(B) (To, B, 2000, 2050) dis carded B=B+5P write(B) < To, commit > 2 T, start > T, = read (c) C= C-100 write (c) (T, (; 700,100> Tany In