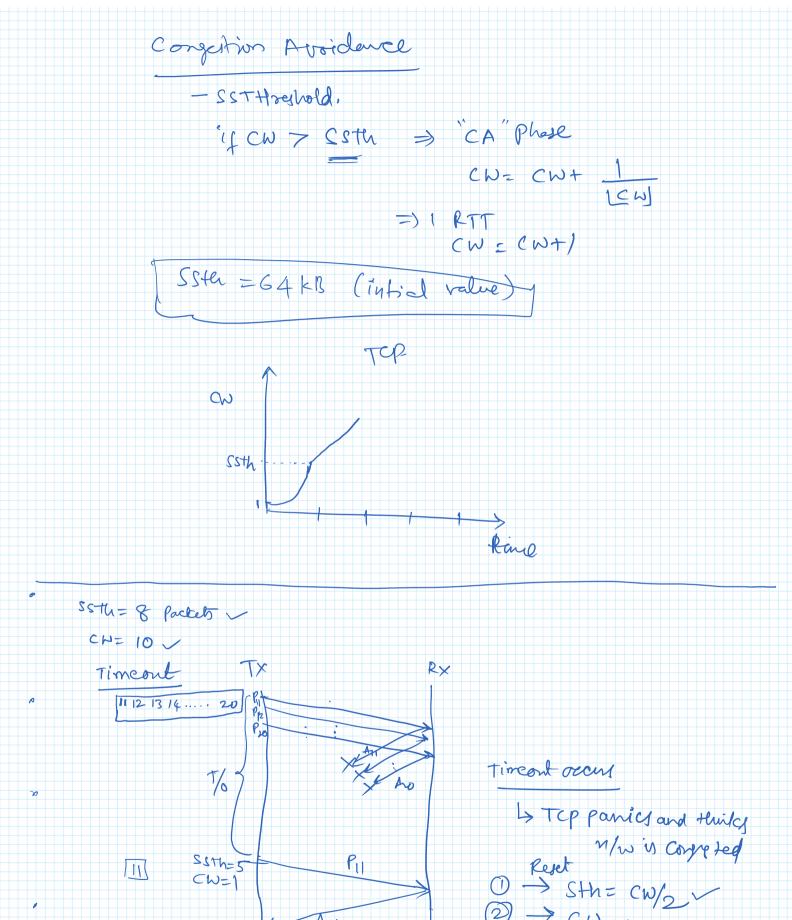
Lecture 14  01 October 2021 17:07  — Recap — Slow Stalt  — Recap — Congestion Ave  — TCP cong estion Control: Fast 1  — State Diagram of TCP any  — Throughput Col. of TCP  — Is TCP Fair? — Whet f	g. Control
TCP Congartion control  Li Stert with some sonall CW.  Controlposte at being sent.  Slow Start phase  CW = 1  for every  new Act -> CW = CW +1	
[0] 123456 CN=1 Po PTT AD PTT	CW=X  ONE RTT  CW acts now  CW= X+9  = 2X  Jest 2TT, CW doubles.  Exponential inc. phase.

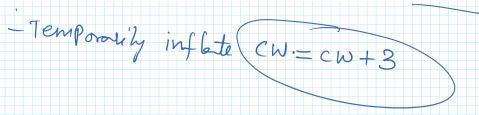


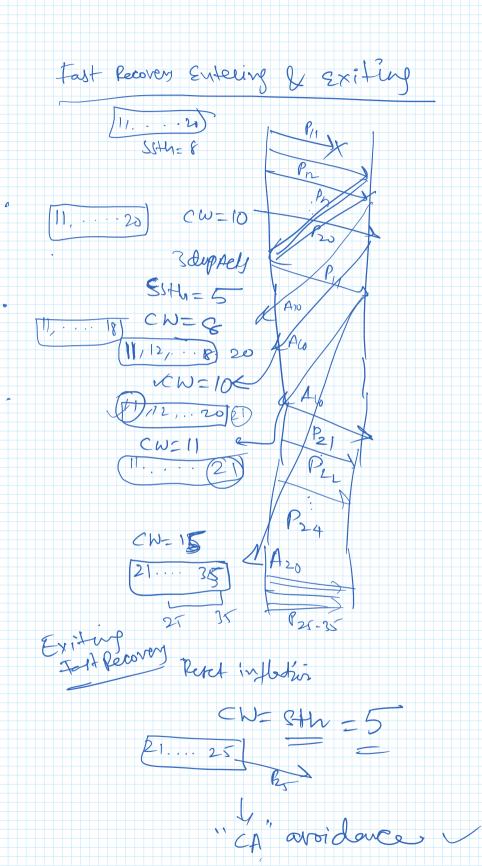
2) -> CW=1 / Lycher slow start

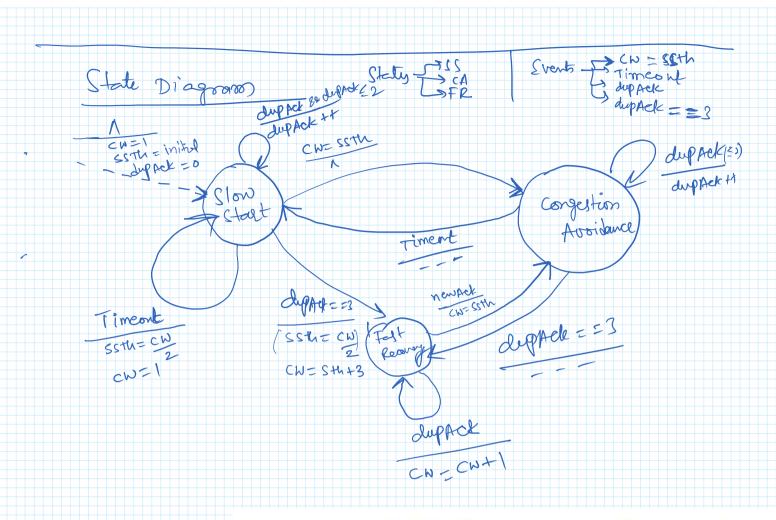
Phose.

3 CA - Slaustelt

CW=10 SS44= 8 (11...20) Go back no tien dup Ack 15 test-retransmit => if TCP receives 3 dup Ady Retormit P, Congestion Window TCP Taloe => Treet 3 day Acles = Timeats LA CWZI CW/2 Fast Recovery (TCP RENO) -True that me Pakt is lost, lot of Other packs getting delivered - N/w might not be too congested. - Enters into (fort recovery) of 3 deep Acks are row. - Insteed of Setting (w=), if set Sth = Cw/2 Cw= sth







## Summary: TCP Congestion Control

