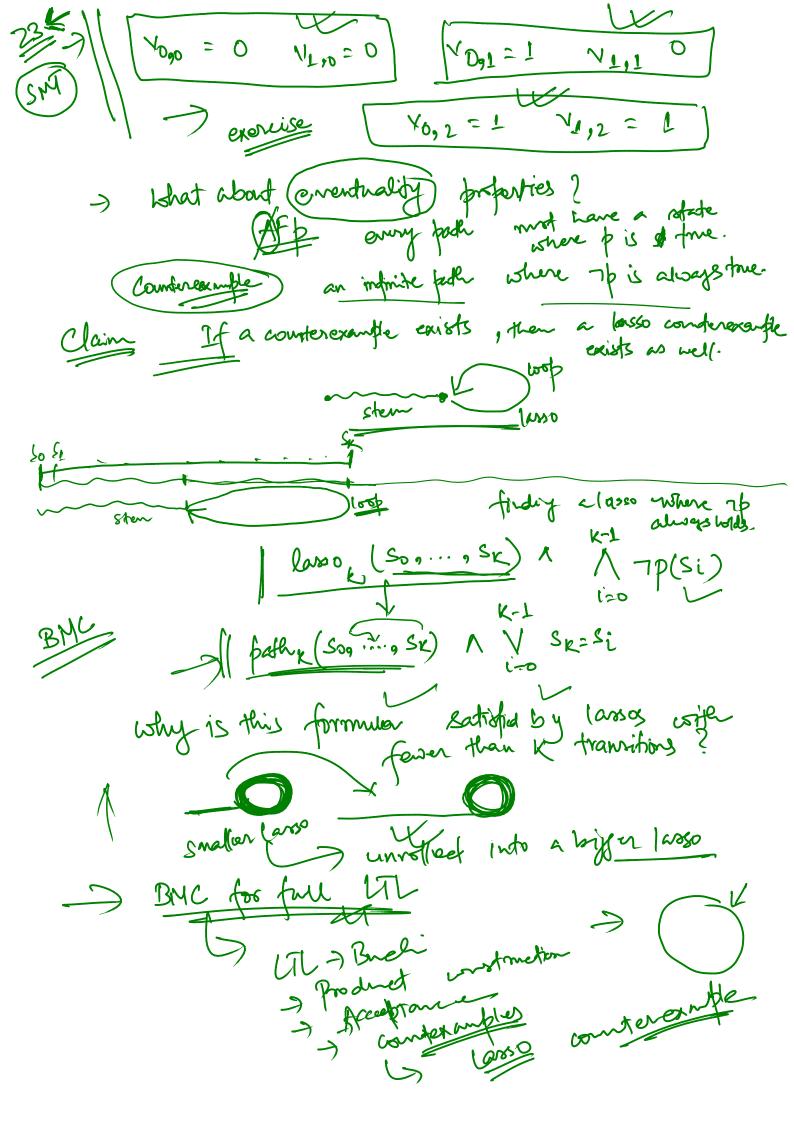
SAT Based Model Checkin Bounded Model Checking 7 VO 1 7 V1 = (740 N7VI) (VO' N7VI) =1 740 VAI V 740, V 7 NT, 1 YO VNI V NO' VNI' (along all paths) a is globally true P: (710 N 741) where at least Interested in paths paths of legth 2 7p(50) V 7p(51) V 7p(5  $N(T(S_0,S_1))$ T(41,5) (7 V0,0 740,0 17 1/20 1 20091 17 1/1 V VO,0 17 7,0 1 V 40,0 NV1,0 N V0,1



Hodel DHC FBnild Ihmeshold (CT) <

stop if K > CT · Ihreshold longest shootest path

