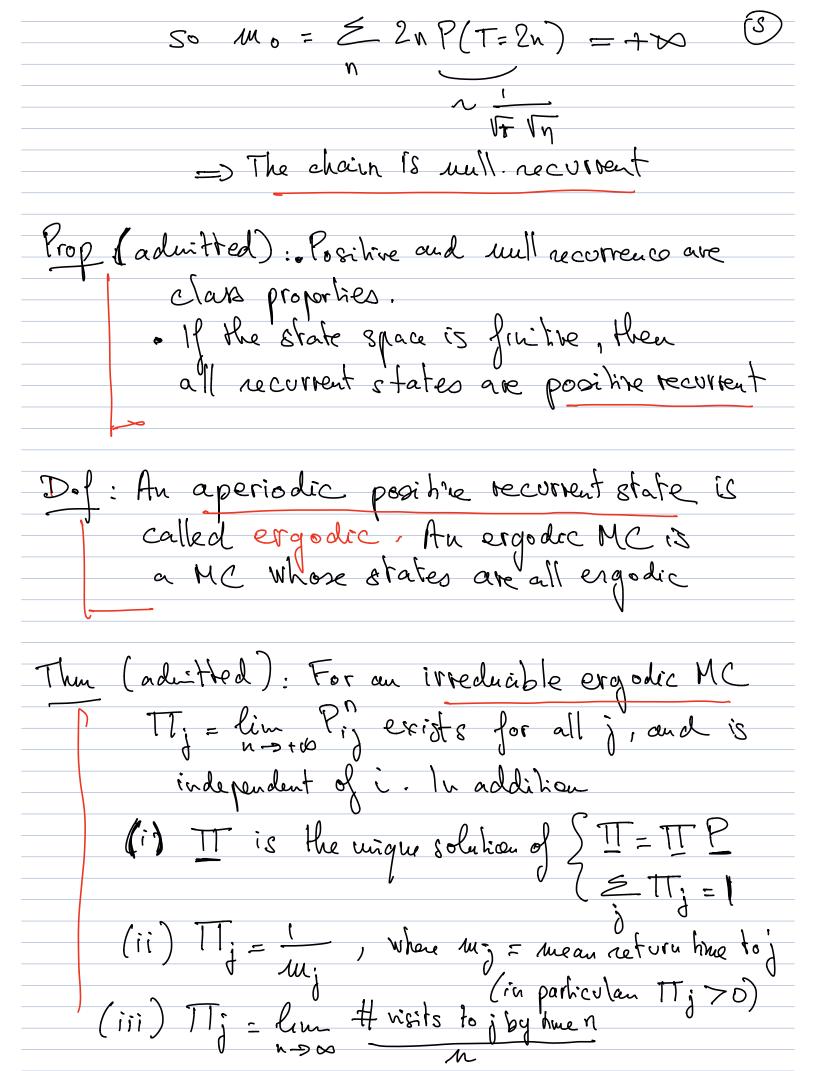


P(T=2n+i) = 0 $P(T=2n) = \frac{1}{2n-1} {2n \choose n} \frac{1}{2^{2n}} \frac{1}{2\sqrt{\pi}} \frac{3}{n^2}$



= proportion of time, in the longram, (6) spent in state y
Ruk: lu practice, if you have an irreducible MC, then you can try to solve (TT=TTP (i) (\int Tj=1)
and if you solve it (or greens a solution that whis), then IT is the stationary distribution and the chair is possible recurrent.
recurrent.