

AND SIMILARLY FOR B.

THINNING

EX. MUTATIONS

$$\begin{array}{c} \downarrow \\ \uparrow = 0 \\ \uparrow = yr \end{array}$$

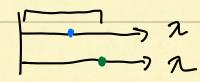
· CASE 1

TWO GENE LOCI BOTH WITH MUTATION RATE TO
MEAN TIME TO FIRST MUTATION?

$$E[7] = \frac{1}{n+2} = \frac{1}{2n}$$

, CASE 2

MEAN TIME UNTIL BOTH ARE MUTATED?



77,7

P4B

SUPPOSE 2 = 2(t)

NON HOMOGENOUS POISSON PROCESS

HAZARD

FUNCTION

COMPLENTARY CUMULATIVE

SURVIVAL FUNCTION



PID