```
Random permutation?
                                 PyPy
                             1,2,3,4
       k= n=4
        I=3 k=n-1=7
                              1, 2, 4, 3
        T = 2
                              1,4,2,3
         I:2
                              1, 4, 2, 3
   Algo Styllet P,, P2, - - Pn be any pumutatur
     y 13, - m
       Stap 2 Set k=n
               U , I=[k]+1
        Step3
        Stopy Interchange Ps and Px
         Stop S: Lot k=k-1, and y k>1 go to stop 3
        Step6 P1, - - Pn is the desired agodon
                                        permetalin
- Follow the also until the position n,n-1,- n-n+1
                                        are filled
                              Nondom subset, say of spex
```

P.P.(x)

N(t) = #1 event (0,t)~PP.(x)

(i) N(t) has statutary & movement

$$N(t_{1},t_{2}) = N(0,t_{1})$$

$$N(t_{1})-N(t_{1}) = N(t_{1}) = N(t_{1}) = N(t_{1}) = N(t_{2}) = N(t_{1})$$

$$N(t_{2}-t_{1}) = N(t_{2}) = N(t_{2}) = N(t_{2})$$

$$P(N(t_{1})=h) = e^{-\lambda t} (\lambda t)^{n}, n = 0,1,2.$$

$$P(N(t)=h) = e^{-\lambda t} (\lambda t)^{n}, n = 0,1,2.$$

$$P(T_{1}) = P(N(t_{2})=0)$$

$$P(T_{1}) = P(N(t_{2})=0)$$

$$= e^{-\lambda t}$$

$$T_{1} = e^{-\lambda t}$$

$$T_{1} = e^{-\lambda t}$$