

$$-\int_{0}^{\infty} \frac{t^{N-1}}{t^{N-1}} e^{-tt} dt \quad CCR$$

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0	나이다. 그리는 얼마를 살아내면 하는데 아이들이 아니는 아이들이 얼마를 하는데 되었다.	
3	등장 현실 회사는 가게 하면 돌면서 있었으니지 않아야 되었다면 하는 그리지 않아요? 그리고 없을	
3	- VO. O.: (1) - e-y/x	
3	$- \times \sim Poisson(\lambda) := \frac{\times 1}{e^{-\lambda} \lambda^{\lambda}}$	
3	$F(x) = \underbrace{\sum_{i=0}^{\infty} e^{-\lambda} \lambda^{i}}_{i!} = e^{-\lambda} \underbrace{\sum_{i=0}^{\infty} \frac{\lambda^{i}}{i!}}_{X_{i}^{*}} = \underline{\Gamma(X+1,\lambda)} = \underline{\Gamma(X+1,\lambda)}_{X_{i}^{*}} = \underline{\Omega(X+1,\lambda)}_{X_{i}^{*}}$	
	x. r(x+i)	
•		
)—	X~ Erlang (x, x) -> 1- F(x)= Q(x, xx)	
	- Rate of events is λ . Time is measured in seconds.	
	x, x2, \(\frac{1}{2}\) \(\text{Exp(\delta)}\)	
	what is the probability of zero events before 1 second?	
	작품 <mark>의 마스프</mark> 의 1915년 - 1917년 1일	
	P(T>1) = O(1) = T(1) = 50 +1-1 p-2 +1 -2	
	$T_{1} \sim \text{Erlang}(1, \lambda) = \text{Exp}(\lambda)$ $P(T > 1) = Q(1, \lambda) = \frac{\Gamma(1, \lambda)}{\Gamma(\lambda)} = \frac{\sum_{i=1}^{\infty} t^{i-1} e^{-\lambda t} dt}{\sum_{i=1}^{\infty} t^{i-1} e^{-t} dt} = \frac{e^{-\lambda}}{1} = e^{-\lambda}$ $T_{1} \sim \text{Erlang}(1, \lambda) = \text{Exp}(\lambda)$ $T_{2} \sim \text{Erlang}(1, \lambda) = \text{Exp}(\lambda)$	
	Imagine N ~ Poisson (x)	
	$1-F_{7,(1)}=O(1/3)=F_{N}(0)$	
	hibat is it a - shall'it.	
	what is the probability at most one event occurs by 1 second?	
	$T_2 \sim Erlang(2, \lambda)$ $e^{-\frac{1}{2}(1)}$ $P(T_2 > 1) = 1 - F_{T_2}(1) = 1 - Q(\frac{1}{2}, \lambda) = F_N(1)$	
	$P(T_2>1)=1-F_{T_2}(1)=1-Q(2,\lambda)=F_N(1)$	
-		
	what is the probability at most K events occur by 1 second?	
	Tx = (lang(t, x)	
	P(Tx>1)=1-FTx(1)=Q(t,)=FN(x)	
	Poisson process: If exponential waiting times, then the number of	
	events that happen per unit time is Poisson-distributed.	
	TO SEE MATTER 12 POLISON- DISTRIBUTED.	
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