$\mathbb{E}N = \mathbb{E}\left[\sum \mathbb{1}\right]$ no assumption necessary

6.8.1 probs needs the form of R(t)

Q: could estimate the ACF, then simulate dataform it to estimate $\mathbb{P}(m=i)$?? 1

$$\mathbb{P}(m=x) = \frac{1}{x!}(\mathbb{E}m)^x e^{-\mathbb{E}m}$$

$$\mathbb{E}n^{2/D} \approx \boxed{\frac{2\pi W^2}{u^2\Gamma(D/2+1)^{2/D}}}$$ where from?

$\boxed{n = V_u}$

what does AFNI do atm??

$2/D$??

maybe in Nosho 1989?

Check Bob Cox AFNI paper 2 figure actually it doesn't work!!

$$6.88 \Rightarrow \lim\left(\mathbb{P}(X_n > x)\right) = e^{-x}$$

then $X_n \xrightarrow[d]{} X \sim \exp(1)$

$\Rightarrow \mathbb{E}X_n \longrightarrow \mathbb{E}X$ for starters.

$$\mathbf{E}\left[(2\gamma u^3 V_u)^{1/2}\right] = 1$$

Q: what dimens is 6.8.8 for?

N=2?

$$\Rightarrow \mathbb{E}V_u^{1/2} = \frac{1}{\sqrt{2}\,\gamma^{1/2}u^{3/2}} = \frac{\sqrt{2\pi}}{u^{3/2}|\Lambda|^{1/4}\sqrt{\ }}$$??