

$$n^{2/D} \sim \exp\left(-\frac{1}{\left(\frac{2\pi W^2}{u^2 \Gamma(D/2+1)^{2/D}}\right)}\right)$$

(5)

$$P(n^{2/D} \geq x) = \exp\left(-\frac{u^2 \Gamma(D/2+1)^{2/D}}{2\pi W^2} x\right)$$

$$\Rightarrow P(n \geq x^{D/2}) = \exp\left(-\frac{u^2 \Gamma(D/2+1)^{2/D}}{2\pi W^2} x\right)$$

$$y = x^{D/2} \quad x = y^{2/D}$$

$$\Rightarrow P(n \geq y) = \exp\left(-\frac{u^2 \Gamma(D/2+1)^{2/D}}{2\pi W^2} y^{2/D}\right)$$

$= \beta$

lol so Friston  
 Friston did this then assumed a form  
 in order to go backwards  
 and redetermine it!

Key: don't need ~~FW~~ ~~FW~~ in order for things to work!!  
~~FW~~ = ~~FW~~