$$f_{1}(x) = \frac{x^{1-1} - x^{2}}{2 - (1)} / \Gamma(1) = 1$$

 $\left(\begin{array}{c} \chi^{2} \\ \chi^{2} \end{array} \right) = \left(\begin{array}{c} \chi^{2} \\ \chi^{2} \end{array} \right)$ $= \left(\begin{array}{c} \chi^{2} \\ \chi^{2} \end{array} \right)$

$$0.05: \int_{1}^{2} e^{-x/2} = \left[-e^{-x/2}\right]_{c}^{\infty}$$

$$= \lim_{x \to \infty} -e^{-x/2} - \left(-e^{-c/2}\right)$$

47 Why should to be approximately would fer lagge v? What theorem, and why? 49 vis at Xx her notion pai v-2 hick v > 2 $x^* : V - 1 , f(x^*) = f(x)$ + (x) = 1 x 1/2 -1 e x/2 Shows on til br (fix) = - / h 2 - h (17(2)) + (1-1) h (x) - 7 $0 = \frac{d \ln f(x)}{d x} = (\frac{\sqrt{1}}{2} - 1) \frac{1}{x} - \frac{1}{2} = 2 \times 2$ Sa w. x < 1 , Sin 6-2 2 Q = V ? 1