$$\frac{1}{\sqrt{1.4}} \quad P_{\chi|V}(x,v) = \frac{P_{\chi,V}(x,v)}{P_{\chi,V}(x,v)}$$

$$\frac{P_{\chi,V}(x,v)}{P_{\chi,V}(x,v)} = \frac{P_{\chi,V}(x,v)}{\sqrt{1.4}}$$

$$\frac{P_{\chi,V}(x,v)}{\sqrt{1.4}} = \frac{P_{\chi,V}(x,v)}{\sqrt{1.4}}$$

$$\frac{P_{\chi,V}(x,v)}{\sqrt{1.4}} = \frac{P_{\chi,V}(x,v)}{\sqrt{1.4}}$$

$$\frac{P_{\chi,V}(x,v)}{P_{\chi,V}(x,v)} = \frac{P_{\chi,V}(x,v)}{\sqrt{1.4}}$$

$$\frac{P_{\chi,V}(x$$

$$f_{\chi,u}(x,u) = \frac{1}{1\sqrt{u}} \left[\frac{1}{2\pi v} \left(x, +\sqrt{u} \right) + \frac{1}{4\pi v} \left(x, -\sqrt{u} \right) \right] = \frac{1}{1\sqrt{u}} \left[\frac{1}{1\sqrt{u}} \left[\frac{1}{1\sqrt{u}} \left(\frac{x}{2} \right) + \frac{1}{2(1-p^2)} \left(\frac{x}{6\pi} \right)^2 - 2p \frac{x}{6q} \frac{\sqrt{u}}{6y} + \frac{\sqrt{u}}{6y} \right] \right] + \frac{1}{1\sqrt{u}} \left[\frac{1}{1\sqrt{u}} \left[\frac{x}{2\sqrt{u}} \right] + \frac{1}{2(1-p^2)} \left(\frac{x}{6x} \right)^2 - 2p \frac{x}{6x} - \sqrt{u} + \frac{\sqrt{u}}{6y} \right] \right]$$

 $\int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] = \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] = \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln \sigma_{\chi}}} \exp\left[\frac{1}{2} \frac{(x \sqrt{\log x})}{\sigma_{\chi}^{2}}\right] dx$ $= \int_{\chi} \frac{1}{\sqrt{\ln$

 $M_{\chi}(t) = 2e^{\frac{1}{2}o^{2}t^{2}}$ $M_{\chi}(t) = e^{\frac{1}{2}o^{2}t^{2}}$ $M_{\chi}(t) = e^{\frac{1}{2}o^{2}t^{2}}$ $M_{\chi}(t) = e^{\frac{1}{2}o^{2}t^{2}}$ $M_{\chi}(t) = e^{\frac{1}{2}o^{2}t^{2}}$ $M_{\chi}(t) = M_{\chi}(t) M_{\chi}(t) = e^{\frac{1}{2}o^{2}t^{2}}$

W,~N(0,1) ⇒ a,W, ~N(0,02))] (a,W, + a, W, ~N(0, a, + a, 2)) Wp~N(0,1) ⇒ a, W, ~N(0, a, 2) $\frac{1}{2\cdot c}$ $\frac{1$

 $P(Z \le 2) = P(|Y| sgn(x) \le 2) = P(|Y| sgn(x) \le 2) = P(|Y| sgn(x) \le 2) + P(|Y| sgn(x) \le 2) = P(|Y| sgn(x) = 2) = P(|Y| sgn(x)$

we know that $= P(-|Y| \le 2) \frac{1}{2} + \frac{1}{2} P(|Y| \le 2) =$ $P(x \ge 0) = \frac{1}{2}$ $= \frac{1}{2} P(|Y| \le 2|Y \ge 0) P(Y \ge 0) + \frac{1}{2} P(-|Y| \le 2|Y \ge 0) P(Y \le 0)$ $+ \frac{1}{2} P(|Y| \le 2|Y \ge 0) P(Y \ge 0) + \frac{1}{2} P(|Y| \le 2|Y \le 0) P(Y \le 0)$

 $= \frac{1}{4}P(-Y \leq 2) + \frac{1}{4}P(Y \leq 2) + \frac{1}{4}P(-Y \leq 2)$ $= \frac{1}{2}P(Y \approx -2) + \frac{1}{2}P(Y \leq 2) = \frac{1}{2}(1-P(Y \leq -2)) + \frac{1}{2}P(Y \leq 2) = \frac{1}{2}(1-P(-2)) + \frac{1}{2}P(2) = \frac{1}{2}(1-P(-2)) + \frac{1}{2}(1-P(-2))$

سے کے نمبر ملے لوسی باسنگن مندر دارہ نس ا اسے.

. . .

ی دامنی کی انگاره کی و عدمت به را داروس به و ی معرف ا معرفوستی می دان کی انگاره کی و عدم به از کا معنفر به و ی معرف از کا معدم و کر معدم و است جوال کا معدم کرد به معرفی کی است جوال کرد به معرفی کرد به کر