

Распределение суммы случайных величин, имеющих нормальное распределение.

There
$$X_1 u X_2$$
 we absorbed $X_1 \in X_2 \in N_{\alpha_1, \alpha_2^2}$, $X_2 \in N_{\alpha_1, \alpha_2^2}$. To $g_1 = X_1 + X_2 \in N_{\alpha_1, \alpha_2}$ $g_1^2 + g_2^2$. Does a new the contained formula $Y_1 = \frac{X_1 - \alpha_1}{G_1}$, $Y_2 = \frac{X_2 - \alpha_2}{G_1}$. $Y_1 \in N_{\alpha_1}$, $Y_2 \in \frac{G_2}{G_2}$, $\frac{X_2 - \alpha_2}{G_1} = \frac{G_1}{G_1} \underbrace{\frac{X_2 - \alpha_2}{G_2}} \in N_{\alpha_1, \alpha_2}$. The contains $0 = \frac{G_1}{G_2}$. To $g_2 = \frac{G_1}{G_2}$. To $g_3 = \frac{G_1}{G_1}$ and popular eleptron:

$$\begin{cases} Y_{1,+Y_2}(1) = \int_{0}^{1} \frac{1}{G_1^{2}} e^{\frac{G_1}{A_1}} e^{\frac{G_1}{A_2}} e^{\frac{G_1}{A_1}} e^{\frac{G_1}{A_1}$$