$$\frac{1}{\sqrt{2\pi}} \left( \frac{A_1}{\sigma_1} e^{-\frac{1}{2}\left(\frac{x-\mu_1}{\sigma_1}\right)^2} + \frac{A_2}{\sigma_2} e^{-\frac{1}{2}\left(\frac{x-\mu_2}{\sigma_2}\right)^2} + \frac{A_3}{\sigma_3} e^{-\frac{1}{2}\left(\frac{x-\mu_3}{\sigma_3}\right)^2} \right)$$