

$$\sum_{i=1}^3 A_i \left(\frac{1 - \eta_i}{\sqrt{2\pi}\sigma_i} e^{-\frac{1}{2} \left(\frac{x - \mu_i}{\sigma_i} \right)^2} + \frac{\eta_i}{\pi} \frac{w_i}{(x - \mu_i)^2 + w_i^2} \right); \sigma_i = \frac{w_i}{\sqrt{2 \ln 2}}$$