$$\sum_{i=1}^{3} A_i \int G_i(t) L_i(x-t)\mathrm{d}t;\; G_i(x) = \frac{1}{\sqrt{2\pi}\sigma_i} \mathrm{e}^{-\frac{(x-\mu_i)^2}{2\sigma_i^2}},\; L_i(x) = \frac{\gamma_i}{\pi((x-\mu_i)^2+\gamma_i^2)}$$