

$$\frac{1}{\pi} \left( \frac{A_1}{\gamma_1 \left( 1 + \left( \frac{x - \mu_1}{\gamma_1} \right)^2 \right)} + \dots + \frac{A_n}{\gamma_n \left( 1 + \left( \frac{x - \mu_n}{\gamma_n} \right)^2 \right)} \right)$$