$$\rho_t(V) = P_{1t} + P_{1t} + P_{3t} + \ldots + P_{nt}$$

$$\rho_s(V) = P_{1s} + P_{1s} + P_{3s} + \ldots + P_{ms}$$

P:

Gaussian $y = \mathbf{a}\exp(-0.5((x-\mathbf{b})/\mathbf{c})^2)$

Lorentzian $y = \mathbf{a}/(1+((x-\mathbf{b})/\mathbf{c})^2)$

Fermi $y = \mathbf{a}/(\exp((x-\mathbf{b})/\mathbf{c})+1)$

a,b,c : parameters

$$I(+V) = \int_0^{+V} \rho_s(\varepsilon)\rho_t(\varepsilon - V)T(V,\varepsilon)d\varepsilon$$

$$I(-V) = \int_0^{-V} \rho_s(\varepsilon)\rho_t(\varepsilon - V)T(V,\varepsilon)d\varepsilon$$

$$: T(V,\varepsilon) = \exp\left(-\alpha z\sqrt{\varphi + \frac{V}{2} - \varepsilon}\right)$$

α, z, φ: parameters