$$E = rac{1}{\sigma_{-}N^2}E_{-}I + \sum_{j>1}rac{lpha_j^2}{\sigma_{-}S_j^2} + \sum_{j>1}rac{eta_j^2}{\sigma_{-}T_j^2} + \sum_{j}rac{(
ho_j - ar{
ho_j})^2}{\sigma_{-}
ho_j^2}$$

where

- $\sigma_N \in \mathbb{R}$
- $E_I \in \mathbb{R}$
- $\alpha_i \in \mathbb{R}$
- $\beta_i \in \mathbb{R}$
- $\sigma_{-}S_{i} \in \mathbb{R}$
- $\sigma_T_i \in \mathbb{R}$
- $\rho_i \in \mathbb{R}$
- $\bar{\rho_i} \in \mathbb{R}$
- $\sigma\_\rho_i \in \mathbb{R}$
- $\bar{a}_i \in \mathbb{R}$