

## Toward chemical applications of Heaviside Operational Ansatz: exact solution of radial Schrodinger equation for nonrelativistic N-particle system with pairwise $\frac{1}{r_{ij}}$ radial potential in quantum phase space

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Equation 11 appears incorrectly; the correction is as follows:

$$\begin{aligned} & \mathbf{L}_{(\bar{\mathbf{p}}_{\mathbf{r}} \rightarrow \mathbf{p}_{\mathbf{r}})}^{-1} \left( e^{\frac{-it}{\hbar} \left( \sum_i \left( \frac{c_i L_i (L_i + 1)}{(i\hbar \bar{p}_i + \frac{r_i}{2})^2} \right) \right)} \right) \\ &= \prod_i \left( \frac{-1}{24\pi \hbar^6} \left( c_i^2 L_i^2 (L_i + 1)^2 p_{r_i}^3 t^2 \left( \left( e^{\frac{ip_{r_i} r_i}{2\hbar}} - 1 \right) \text{Log} \left[ \frac{-p_{r_i}}{\hbar} \right] \right. \right. \right. \\ & \left. \left. \left. + \text{Log} \left[ \frac{p_{r_i}}{\hbar} \right] - \text{Log} \left[ \frac{p_{r_i}}{\hbar} \right] \text{HeavisideStep}[p_{r_i}] \right) \right) \right) \end{aligned} \quad (11)$$

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