

$$\exp(\textcolor{blue}{:} V \textcolor{blue}{:}), \qquad V = -\frac{1}{p} \left( \frac{\textcolor{blue}{F}1^2}{24\rho_b} p_x - \frac{\textcolor{blue}{F}1}{12\rho_b} y^2 + \frac{y^4}{6\textcolor{blue}{F}1 \rho_b^2} \right)$$