$$\langle (\Delta E)^2 \rangle \equiv \langle E^2 \rangle - \langle E \rangle^2$$

$$- \left(\frac{\partial U}{\partial \beta} \right)_{V \rightarrow V \text{ Noncrossite}} = 1$$
or do aldation

$$\begin{pmatrix} \frac{\partial U}{\partial t} \\ \frac{\partial U}{\partial t} \end{pmatrix} = \frac{\partial U}{\partial t} \begin{pmatrix} \frac{\partial U}{\partial t} \\ \frac{\partial U}{\partial t} \end{pmatrix} = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial U}{\partial t} \right] = -\left[\frac{\partial U}{\partial t} - \frac{\partial$$

$$V\left(\Delta E\right)^{2} = K_{0}T^{2}.GV - 1$$
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