$V(x,t) = t^2 - e^{t} + 2$

$$V_{t} = \frac{1}{4} v_{xx} + 2t + e^{t}$$

$$V(x_{1}0) = 1$$

$$V(x_{1}t) = V(t)$$

$$V(x_{1}t) = V(t)$$

$$V' = 2t + e^{t}$$

$$V(0) = 1$$

$$V = t^{2} - e^{t} + C$$

$$V(x_{1}t) = t^{2} - e^{t} + 2$$

$$V(x_{2}t) = t^{2} - e^{t} + 2$$

$$V(x_{1}t) = t^{2} - e^{t} + 2$$

$$V(x_{2}t) = t^{2} - e^{t} + 2$$

$$V(x_{2}t) = t^{2} - e^{t} + 2$$

$$V(x_{2}t) = t^{2} - e^{t} + 2$$

$$V(x_{3}t) = t^{2} - e^{t} + 2$$

$$V(x_{4}t) = t^{2} - e^{t} + e^{t} + 2$$