1. : 
$$\Delta V(X) = \frac{\partial^2 V}{\partial X_1^2} + \frac{\partial^2 V}{\partial X_2^2}$$

$$\frac{\partial V}{\partial x_i} = 2(x_i - \frac{1}{2}), \quad \frac{\partial \tilde{V}^*}{\partial x_i^2} = 2$$

$$\frac{\partial V}{\partial X_1} = 2(X_1 - \frac{1}{2}), \quad \frac{\partial^2 V}{\partial X_2^2} = 2$$

So, plug I and 3 into the equation, we're able to get the Gacheson that 
$$\pm \times (2+2) - (\times_1 - \frac{1}{2})^2 - (\times_2 - \frac{1}{2})^2 + \times_1^2 + \times_2^2 - \times_1 - \times_2 - \frac{3}{2}$$

$$= 2 - \chi_1^2 - \frac{1}{4} + \chi_1 - \chi_2^2 - \frac{1}{4} + \chi_2 + \chi_2^2 - \chi_1 - \chi_2 - \frac{3}{2}$$

$$2. : \frac{2V(\overrightarrow{X})}{2\overrightarrow{X}} = \frac{V(\overrightarrow{X} + \lambda \overrightarrow{E}) - V(\overrightarrow{X} - \lambda \overrightarrow{E})}{2\lambda}$$

$$\frac{\partial^2 \sqrt{x}}{\partial x^2} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} + \frac{1}{\sqrt{x^2 + \lambda e_i}} = \frac{1}{\sqrt{x^2 + \lambda e_i}} =$$

$$\frac{1}{2} = \frac{1}{2} \frac{$$

$$V(\vec{X}) = \frac{1}{2} \frac{\sqrt{1 + \sqrt{1 - 2\sqrt{2}}}}{\lambda^2} + \chi_1^2 + \chi_2^2 - \chi_1 - \chi_2 - \frac{3}{2}$$

$$\frac{2+h^{2}}{2}\cdot V(x) = \frac{2}{2}V_{1}^{2} \cdot \frac{1}{4} + \frac{2}{2}V_{1}^{2} \cdot \frac{1}{4} + \frac{h^{2}}{2}(X_{1}^{2} + X_{2}^{2} - X_{1} - X_{2} - \frac{3}{2})$$

So 
$$x = \frac{2}{\lambda^2 + 2}$$
,  $(\frac{\lambda_1}{x}) = \frac{\lambda^2}{2} (x_1^2 + x_2^2 - x_1 - x_2 - \frac{3}{2})$ ,  $p^h(x \pm \lambda - \frac{3}{4}|x) = \frac{1}{4}$