$$D_{kl}(\pi_{0}, || \pi_{0}) \leq \epsilon$$

$$(\theta'-\theta)^{T}F(\theta'-\theta) \leq \epsilon$$

$$F_{V_{i}} = \lambda_{i}V_{i} \longrightarrow F_{V_{i}}V_{i}^{T} = \lambda_{i}V_{i}V_{i}^{T}$$

$$F = \sum_{i=1}^{n} \lambda_{i}V_{i}V_{i}^{T} \longrightarrow F_{V_{i}} = \sum_{i=1}^{n} \lambda_{i}V_{i}V_{i}^{T}V_{i}$$

$$\frac{1}{\sqrt{2}} \sum_{i=1}^{n} \lambda_{i} \left(\left(\frac{\partial^{2} - \Theta}{\partial i}, V_{i} \right)^{2} \right)$$

$$= \sum_{i=1}^{n} \lambda_{i} \left(\frac{\partial \Theta}{\partial i} \right) \left(\frac{\partial \Theta}{\partial i} \right) \left(\frac{\partial \Theta}{\partial i} \right)$$

$$= \sum_{i=1}^{n} \lambda_{i} \left(\frac{\partial \Theta}{\partial i} \right) \left(\frac{\partial \Theta}{\partial i} \right) \left(\frac{\partial \Theta}{\partial i} \right)$$

$$= \sum_{i=1}^{n} \lambda_{i} \left(\frac{\partial \Theta}{\partial i} \right) \left(\frac{\partial \Theta}{\partial i} \right) \left(\frac{\partial \Theta}{\partial i} \right) \left(\frac{\partial \Theta}{\partial i} \right)$$

$$\Delta \theta = \gamma F \nabla J = \gamma F \nabla b$$

$$\sum_{i=1}^{n} \lambda_{i} (\langle \Delta \theta, v_{i} \rangle)^{2} \leq \epsilon$$

$$\sum_{i=1}^{n} \gamma_{i} (\langle \Delta \theta, v_{i} \rangle)^{2} \leq \epsilon$$

$$\sum_{i=1}^{n} \gamma_{i} (\langle \Delta \theta, v_{i} \rangle)^{2} = \lambda_{i} (\langle \nabla v_{i} \rangle)^{2}$$

$$\sum_{i=1}^{n} \lambda_{i} (\langle \nabla v_{i} \rangle)^{2} = \lambda_{i} (\langle \nabla v_{i} \rangle)^{2}$$

$$\sum_{i=1}^{n} \lambda_{i} (\langle \nabla v_{i} \rangle)^{2} = \lambda_{i} (\langle \nabla v_{i} \rangle)^{2}$$

$$\sum_{i=1}^{n} \lambda_{i} (\langle \nabla v_{i} \rangle)^{2}$$