$$\begin{array}{l} \text{Ui, vep}(0;) = \int \frac{1}{2} \ln \left(\frac{1}{\| \mathbf{s}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} - \frac{1}{\mathbf{c}_{i}^{2}} \right)^{2}, \quad |\mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} \leq L_{0} \\ \text{If } \mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \| \mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} \\ \text{If } \mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} = \int \frac{1}{|\mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} \frac{1}{|\mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} \\ \text{If } \mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} = \sum_{i=1}^{2} \frac{1}{|\mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} \\ \text{If } \mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} = \sum_{i=1}^{2} \frac{1}{|\mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} \\ \text{If } \mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} = \sum_{i=1}^{2} \frac{1}{|\mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} \\ \text{If } \mathbf{c}_{i}^{2} - \lambda(\mathbf{s}_{i}^{2}) \|} \\ \text{For with space place, } \mathbf{c}_{i}^{2} = (3, 3, 32) \\ \text{For a Cylinder with radius } \mathbf{c}_{i}^{2} = (3, 3, 32) \\ \text{For a Cylinder with radius } \mathbf{c}_{i}^{2} = (3, 3, 32) \\ \text{The continuous } \mathbf{c}_{i}^{2} = (3, 3, 32) \\ \text{The$$

+max(0,-(5,-b))7n3-(-n)

+ ((() - a))- ((); -a) [n. n] d/

For a cylinder with radius
$$k$$

$$d_{\perp} = \max\{0, (\sigma_{i}^{2} - a^{2})^{T} n, -(\sigma_{i}^{2} - b^{2})^{T} n\}$$

$$d_{11} = \max \{0, ||\sigma_{i}^{2} - \sigma_{i}^{2}\} - (\sigma_{i}^{2} - \alpha_{i}^{2}) ||n \cdot n|| - ||L||$$

$$||\sigma_{i}^{2} - ||(\sigma_{i}^{2})|| = ||\sigma_{i}^{2} + ||\sigma_{i}^{2}|| + ||\sigma_{i}^{2} - ||\sigma_{i}^{2}|| + ||\sigma_{i}^{2}|| + ||\sigma_{i}^{2} - ||\sigma_$$

=)
$$dI = max (0, (\sigma_i^2 - a^2)^2 n^3$$

 $dI = max (0, ||(\sigma_i^2 - a^2) - (\sigma_i^2 - a^2)^2 n \cdot n || - R 3$
 $||(\sigma_i^2 - T(\sigma_i^2)|| = hal^2 + d^2 I$
 $\sigma_i^2 - T(\sigma_i^2) = dL \cdot n + dII \frac{(\sigma_i^2 - a^2) - (\sigma_i^2 - a^2)^2 n \cdot n || - R 3}{||(\sigma_i^2 - a^2) - (\sigma_i^2 - a^2)^2 n \cdot n || - R 3}$

a=(ax, ay, N) b(ax, ay, o) , n=(0,0,1)]