$$d = \frac{\left| (\vec{x}_{e} - \vec{Y}_{i}) \wedge (\vec{r}_{e} - \vec{K}_{i}) \right|}{\left| \vec{x}_{e} - \vec{Y}_{i} \right|} \left(\begin{array}{c} x_{k} \\ y_{k} + b_{k} \\ y_{k} - \vec{Y}_{i} \right| = \frac{\left| \vec{x}_{i} \cdot \vec{x}_{i} \right|}{\left| \vec{x}_{i} \cdot \vec{x$$

$$\frac{d}{d} = x_{k}^{2} - 2 x_{k} x_{c} + x_{c}^{2} + y_{k}^{2} \underbrace{\partial^{2} y_{k} y_{c} + y_{c}^{2} + t_{k}^{2} - 2 x_{k} x_{c} + x_{c}^{2}}_{2k} + b_{k}^{2} \underbrace{(y_{k}^{2} - 2 y_{k} y_{c} + y_{c}^{2}) + c_{k}^{2} \underbrace{(x_{k}^{2} - 2 x_{k} x_{c} + x_{c}^{2})}_{a_{k}^{2} + b_{k}^{2} + c_{k}^{2}}}$$

$$- \underbrace{\frac{a_{k} (x_{k}^{2} - 2 x_{k} x_{c} + x_{c}^{2}) + b_{k}^{2} (y_{k}^{2} - 2 y_{k} y_{c} + y_{c}^{2}) + c_{k}^{2} \underbrace{(x_{k}^{2} - 2 x_{k} x_{c} + x_{c}^{2})}_{a_{k}^{2} + b_{k}^{2} + c_{k}^{2}}}$$

$$- \underbrace{\frac{2a_{k}b_{k} (x_{k} x_{k} - x_{c} x_{k} - x_{c} x_{k} - x_{c} x_{k} + x_{c} x_{c})}_{a_{k}^{2} + b_{k}^{2} + c_{k}^{2}}$$

$$- \underbrace{\frac{2a_{k}c_{k} (x_{k} x_{k} - x_{c} x_{k} - x_{c} x_{k} + x_{c} x_{c})}_{a_{k}^{2} + b_{k}^{2} + c_{k}^{2}}$$

$$- \underbrace{\frac{2b_{k}c_{k} (y_{k} x_{k} - y_{c} x_{k} - x_{c} x_{k} + x_{c} x_{c})}_{a_{k}^{2} + b_{k}^{2} + c_{k}^{2}}$$

$$- \underbrace{\frac{2b_{k}c_{k} (x_{k} - x_{c} x_{k} - x_{c} x_{k} - x_{c} x_{k} + x_{c} x_{c})}_{a_{k}^{2} + b_{k}^{2} + c_{k}^{2}}$$

$$- \underbrace{\frac{2b_{k}c_{k} (x_{k} - x_{c} x_{k} - x_{c} x_{k} - x_{c} x_{k} + x_{c} x_{c})}_{a_{k}^{2} + b_{k}^{2} + c_{k}^{2}}$$

$$- \underbrace{\frac{2b_{k}c_{k} (x_{k} - x_{c} x_{k} - x_{c} x_{k} - x_{c} x_{k} + x_{c} x_{c})}_{a_{k}^{2} + b_{k}^{2} + c_{k}^{2}}$$

$$- \underbrace{\frac{2b_{k}c_{k} (x_{k} - x_{c} x_{k} - x_{c} x_{k} - x_{c} x_{k} + x_{c} x_{c})}_{a_{k}^{2} + b_{k}^{2} + c_{k}^{2}}$$

$$- \underbrace{\frac{2b_{k}c_{k} (x_{k} - x_{c} x_{k} - x_{c} x_{k} - x_{c} x_{k} + x_{c} x_{c})}_{a_{k}^{2} + b_{k}^{2} + c_{k}^{2}}$$

$$- \underbrace{\frac{2b_{k}c_{k} (x_{k} - x_{k} - x_{c} x_{k} - x_{c} x_{k} - x_{c} x_{k} + x_{c} x_{c}^{2})}_{a_{k}^{2} + b_{k}^{2} + c_{k}^{2}}$$

$$- \underbrace{\frac{2b_{k}c_{k} (x_{k} - x_{k} - x_{k} x_{k} - x_{k} x_{k} - x_{k} x_{k} + x_{k}^{2} x_{k} - x_{k}^{2} x_{k}^{2} + x_{k}^{2} x_{k}^{2})}_{a_{k}^{2} + b_{k}^{2} + c_{k}^{2}}$$

$$- \underbrace{\frac{2b_{k}c_{k} (x_{k} - x_{k} x_{k} - x_{k}^{2} x_{k} - x_{k}^{2} x_{k} - x_{k}^{2} x_{k}^{2} x_{k}^{2} + x_{k}^{2} x_{k}^{2} + x_{k}^{2} x_{k}^{2} x_{k}^{2} + x_{k}^{2} x_{k}^{2} x_{k}^{2} x_{k}^{2} + x_{k}^{2} x_{k}^{2} x_{k}^{2} x_{k}^{2} x_{k}^{2} x_{k}^{2} x_$$

5 dk wh = x

$$0 = \frac{1}{k} \omega_{k} \left(-\frac{2}{2}x_{k} + \frac{1}{2}x_{k} + \frac{2}{4}a_{k}^{2}x_{k} - \frac{2}{4a_{k}^{2}}x_{k}\right)$$

$$+ \frac{2}{4}a_{k}^{2}c_{k}^{2}k - \frac{2}{4}a_{k}^{2}c_{k}^{2}k + \frac{2}{4}a_{k}^{2}b_{k}^{2}y_{k} - \frac{2}{4}a_{k}^{2}b_{k}^{2}y_{k}}{m_{k}^{2}}$$

$$0 = \frac{1}{k} \times c \left(\frac{1}{k}\omega_{k}\left(1 - \frac{a_{k}^{2}}{m_{k}^{2}}\right) + \frac{1}{k}\omega_{k}\left(-x_{k} + \frac{a_{k}^{2}x_{k}}{m_{k}^{2}}\right) + \frac{1}{k}\omega_{k}\left(-x_{k} + \frac{a_{k}^{2}x_{k}}{m_{k}^{2}}\right)$$

$$+ \frac{1}{4}a_{k}^{2}a_{k}^{2}c_{k}^{2}$$

(4)

Scaling
$$\begin{pmatrix}
x \\
y \\
x
\end{pmatrix}
\begin{pmatrix}
x \\
y \\
x
\end{pmatrix}
\begin{pmatrix}
x \\
y \\
x
\end{pmatrix}$$

Interval
$$\begin{pmatrix}
x \\
y \\
y
\end{pmatrix}$$

In

52 + m2 + th

(5)