1) Initial Point : $\left\{x_1, r_1, \theta_1, M_1\right\} \rightarrow \begin{bmatrix} \nu_1 \\ \mu_1 \end{bmatrix}$

Initial Slope $\rightarrow$ *Assume Straight* Initial *Characteristic Line* $\rightarrow Slope\left(C_-\right)^{(0)} = \theta_1 - \mu_1$

2) Centerline Intercept : $\theta_{cl} = 0$

$$y_{cl} = 0 \rightarrow \frac{0 - y_1}{x_{cl} - x_1} = \tan\left(Slope\left(C_-\right)\right) \rightarrow \boxed{x_{cl} = -\frac{y_1}{\tan\left(Slope\left(C_-\right)\right)} + x_1}$$

$$\Delta K_- = \frac{x_{cl} - x_1}{\cos\left[Slope\left(C_-\right)^{(j)}\right]}$$

right running (C_-) *characteristic line* $\rightarrow \theta_{cl} + \nu_{cl} = \theta_1 + \nu_1 + \frac{\sin\mu_1 \cdot \sin\theta_1}{r_1}\Delta K_-$

$$\rightarrow \nu_{cl} = \theta_1 + \nu_1 + \frac{\sin\mu_1 \cdot \sin\theta_1}{r_1}\Delta K_- \rightarrow\rightarrow \begin{bmatrix} M_{cl} \\ \mu_{cl} \end{bmatrix}$$

.....Re*calculate*

$$Slope\left(C_-\right)^{(0)} = \frac{\theta_1 - \mu_1 - \mu_{cl}}{2}$$

Iterate from $\rightarrow\rightarrow$ *to* $\rightarrow\rightarrow\rightarrow$