$$C_n = \frac{N'}{90C}$$

$$N' = -P_2 \underbrace{l_1 \cos(E_1)}_{C_1} + P_4 \underbrace{l_1 \cos(E_1)}_{C_1} - P_3 \underbrace{l_2 \cos(E_2)}_{C_2} + P_5 \underbrace{l_2 \cos(E_2)}_{C_2}$$

$$A' = P_2 l_1 sin(\mathcal{E}_1) + P_4 l_4 sin(\mathcal{E}_1) - P_3 l_2 cos(\mathcal{E}_2) - P_5 l_2 cos(\mathcal{E}_2)$$

$$C_2 = C - C$$

$$tan(\mathcal{E}_i) = \frac{\vee}{C_i} \rightarrow V = C_i tan(\mathcal{E}_i)$$

$$tan(\mathcal{E}_2) = \frac{V}{C_2} \rightarrow V = C_2 tan(\mathcal{E}_2)$$

$$= \frac{2}{\gamma P_1 M_1^2 C} \left[ \frac{\tan(\mathcal{E}_2)}{\tan(\mathcal{E}_1) + \tan(\mathcal{E})} C(P_4 - P_2) + \right]$$

$$\frac{\tan(\epsilon_1)}{\tan(\epsilon_1)+\tan(\epsilon_2)}c(p_5-p_3)$$

$$=\frac{2}{VP_{1}M_{1}^{2}C}\left[\frac{\tan(\xi_{2})}{\tan(\xi_{1})+\tan(\xi_{2})}C\left(P_{4}-P_{2}\right)+\frac{1}{\tan(\xi_{1})}C\left(\frac{\tan(\xi_{1})}{\tan(\xi_{1})+\tan(\xi_{2})}C\left(\frac{\tan(\xi_{1})}{\tan(\xi_{1})+\tan(\xi_{2})}C\right)\right]$$

$$=\frac{2}{VM_{1}^{2}(\tan(\xi_{1})+\tan(\xi_{2})}\left[\frac{P_{4}}{P_{1}}-\frac{P_{2}}{P_{1}}\right]\tan(\xi_{2})+\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{1})}{\tan(\xi_{1})}\frac{1}{\tan(\xi_{2})}C\left(\frac{P_{4}}{P_{1}}-\frac{P_{2}}{P_{1}}\right)\tan(\xi_{2})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}{\tan(\xi_{1})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}{\tan(\xi_{1})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}{\tan(\xi_{1})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}{\tan(\xi_{1})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}{\tan(\xi_{1})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}{\tan(\xi_{1})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}C\left(\frac{P_{5}}{P_{1}}-\frac{P_{5}}{P_{1}}\right)\tan(\xi_{2})}{\tan(\xi_{1})}$$

$$C_{1} = \frac{7an(\xi_{2})}{7an(\xi_{1})+7an(\xi_{2})} C$$

$$C_2 = \frac{\tan(\epsilon_i)}{\tan(\epsilon_i) + \tan(\epsilon_s)}$$

$$tan(E_1) tan(E_2)$$
 $Tan(E_1) + tan(E_2)$ 

$$C_a = \frac{A'}{9_{\infty} C}$$

$$C_{\epsilon} = \frac{2}{\gamma M_{1}^{2}} \left( \frac{\tan(\epsilon_{1}) \tan(\epsilon_{2})}{\tan(\epsilon_{1}) + \tan(\epsilon_{2})} \right) \left( \frac{P_{2}}{P_{1}} + \frac{P_{4}}{P_{1}} - \frac{P_{5}}{P_{c}} - \frac{P_{5}}{P_{c}} \right).$$

$$C_{\ell} = C_{n} \cos(d) - C_{n} \sin(d)$$

$$C_d = Cn \sin(d) + Ca \cos(d)$$
.