$$C_{T_{\Theta_0}} = \frac{\sigma a}{2} \left[1 - \frac{e^2}{2R^2} \right] - \frac{\tan \delta_3 \left(1 - \frac{e^3}{R^3} \right) \frac{Y}{8} \left(1 - \frac{4e}{3R} + \frac{e^4}{3R^4} \right)}{\left(1 + \frac{3e}{2R^2} + \frac{Y}{8} \tan \delta_3 \right)}$$

$$C_{T_{\Theta_{1}c}} = C_{T_{\Theta_{1}S}} = 0$$

$$C_{H_{\Theta_0\Theta_{1c}}} = \frac{\sigma_a}{2} \left(-\frac{A}{3} - \frac{D}{6} + \frac{BD}{6} \right) \left(C_{H_{\Theta_0\Theta_{1c}}} = \frac{\sigma_a}{2} \left(\frac{B}{3} + \frac{AD}{6} \right) \right)$$

$$C_{H_{0}} = \frac{\sigma_{a}}{2} \left(-\frac{c}{6} - \frac{E\lambda_{0}}{6} + \frac{3A\lambda}{4} + \frac{BC}{6} + \frac{BE\lambda_{d}}{6} \right)$$

$$C_{Hers} = \frac{\sigma a}{2} \left(\frac{\lambda}{4} - \frac{3B\lambda}{4} + \frac{AC}{6} + \frac{AE\lambda a}{6} \right)$$

$$C_{y_{\Theta \circ \Theta_{K}}} = -\frac{\sigma_{0}}{2} \left(\frac{B}{3} + \frac{AD}{6} \right) \left(C_{y_{0},\Theta_{1S}} = -\frac{\sigma_{0}}{2} \left(\frac{A}{3} + \frac{D}{6} - \frac{BD}{6} \right) \right)$$

$$C_{40,c} = -\frac{\sigma a}{2} \left(\frac{\lambda}{4} - \frac{3B\lambda}{4} + \frac{AC}{6} + \frac{AE\lambda\lambda}{6} \right)$$

$$C_{9015} = -\frac{50}{2} \left(\frac{C}{6} + \frac{E\lambda d}{6} - \frac{3A\lambda}{4} - \frac{BC}{6} - \frac{BE\lambda d}{6} \right)$$

$$C_{M_{H_{\Theta_0}}} = 0$$

$$K_{HB} = \frac{\sigma a}{16} \left(1 - A - tan 8_3 - B \right) \left(1 - \frac{e^4}{R^4} \right)$$

$$C_{M_{90,c}} = \frac{\sigma a}{16} \left(1 - A + am s_3 + B \right) \left(1 - \frac{e^4}{R^4} \right)$$

$$C_{MY015} = \frac{\sigma a}{16} \left(B \tan 8_3 - A \right) \left(1 - \frac{e^4}{R^4} \right)$$

$$A = \frac{(Y)^{2}}{8} \left(\frac{1 - 4e}{3R} + \frac{e^{4}}{R^{4}} \right)$$

$$\frac{3e}{2R^{2}} + \frac{y}{8} \tan \delta_{3} \right)^{2} + \frac{(Y)^{2}}{8}$$

$$\frac{3e}{2R^{2}} + \frac{y}{8} \tan \delta_{3} \right)^{2} + \frac{(Y)^{2}}{8}$$

$$\frac{3e}{2R^{2}} + \frac{y}{8} \tan \delta_{3} \right)^{2} + \frac{(Y)^{2}}{8}$$

$$C = \frac{y}{8} \left(\frac{1 - 4e}{3R} + \frac{e^{4}}{3R^{4}} \right) \frac{C \lambda_{0}}{a} - \frac{y}{6} \left(\frac{1 - 3e}{2R} + \frac{e^{3}}{2R^{3}} \right) \lambda_{1}^{2}$$

$$1 + \frac{3e}{2R^{2}} + \frac{y}{8} \tan \delta_{3}$$

$$1 + \frac{3e}{3R^{4}} + \frac{y}{3R^{4}}$$

$$D = \frac{y}{8} \left(\frac{1 - 4e}{3R} + \frac{e^{4}}{3R^{4}} \right) \left(\frac{1 + 3e}{2R^{2}} + \frac{y}{8} \tan \delta_{3} \right) \frac{31D}{2R^{2}}$$

$$E = \frac{y}{6} \left(\frac{1 - 3e}{2R} + \frac{e^{3}}{2R^{3}} \right) \left(\frac{1 + 3e}{2R^{3}} + \frac{y}{8} \tan \delta_{3} \right) \frac{31E}{2R^{2}}$$

(Pg.7)