$-\frac{3}{2}-0+\frac{1}{4}=\frac{-6+1}{4}=\frac{-5}{4}$ $\quad \frac{1}{4}-\frac{3}{2}+\frac{5}{2}-1-\frac{1}{4}=0 \quad -\frac{1}{2}+3-\frac{5}{2}=0$

$\frac{1}{2}-\frac{1}{3}(5+4)=\frac{1}{2}-3=\frac{-5}{2} \quad -\frac{1}{4}+\frac{3}{2}-\frac{5}{6}\cdot\frac{3}{2}=-\frac{1}{4}+\frac{3}{2}\cdot\frac{1}{6}=-\frac{1}{4}+\frac{1}{4}=0$

$$C_1=\frac{\cos^2\theta_1}{M_{A1}^2}\left\{\frac{\cos^2\theta_1}{M_{A1}^2}\left[\frac{\cos^2\theta_1}{M_{A1}^2}\left(\frac{1}{4}\xi_1^2-\frac{3}{2}\xi_1^2\xi_2+\frac{5}{2}\xi_2^2\xi_1-\xi_2^3-\frac{1}{4}\xi_2^2\right)\right.\right.$$

$$+\left(-\frac{1}{2}\xi_1+3\xi_1\xi_2-\frac{5}{2}\xi_2^2\right)$$

$$\left.+\frac{1}{M_{A1}^2}\left(-\frac{5}{4}\beta_1\xi_2^2-\frac{1}{4}\xi_1^2+\frac{3}{2}\xi_1^2\xi_2-\frac{5}{6}\left(\xi_2^2\xi_1+\frac{1}{2}\xi_2^2\right)\right)\right]$$

$$+\left(-\frac{3}{2}\xi_2-2\xi_2\frac{\Delta\theta x}{2}+\frac{1}{4}\right)$$

$$\left.+\frac{1}{M_{A1}^2}\left[-\frac{5}{2}\beta_1\xi_2+\frac{1}{2}\xi_1-\frac{1}{3}(5\xi_1\xi_2+4\xi_2)\right]\right\}$$

$$+\frac{1}{M_{A1}^2}\left(\frac{1}{2}\xi_2-\frac{1}{4}\right)$$

For $\xi_1=\xi_2=1$

$\delta\theta x\to 0$ $\quad C_1=\frac{\cos^2\theta_1}{M_{A1}^2}\left\{\frac{\cos^2\theta_1}{M_{A1}^2}\left[\frac{\cos^2\theta_1}{M_{A1}^2}(0)+0+\frac{1}{M_{A1}^2}\left(-\frac{5}{4}\beta_1+0\right)\right]\right.$

$$+\left(-\frac{5}{4}\right)$$

$$\left.+\frac{1}{M_{A1}^2}\left[-\frac{5}{2}\beta_1-\frac{5}{2}\right]\right\}+\frac{1}{4}\frac{1}{M_{A1}^2}$$

$$=\frac{\cos^2\theta_1}{M_{A1}^2}\left\{\frac{\cos^2\theta_1}{M_{A1}^2}\frac{1}{M_{A1}^2}\left(-\frac{5}{4}\beta_1\right)+\left(-\frac{5}{4}\right)+\left(-\frac{5}{2}\right)\frac{1}{M_{A1}^2}(\beta_1+1)\right\}+\frac{1}{4}\frac{1}{M_{A1}^2}$$

$$=\frac{\cos^4\theta_1}{M_{A1}^6}\left(-\frac{5}{4}\right)(\beta_1+1)+\frac{\cos^2\theta_1}{M_{A1}^4}\left(-\frac{5}{2}\right)(\beta_1+1)+\frac{1}{4}\frac{1}{M_{A1}^2}$$

$$=-\frac{5}{2}(\beta_1+1)\cos$$

$$=-\frac{5\cos^4\theta_1}{4M_{A1}^6}\beta_1-\frac{5}{4}\frac{\cos^2\theta_1}{M_{A1}^2}-\frac{5}{2}\frac{\cos^2\theta_1}{M_{A1}^4}(\beta_1+1)+\frac{1}{4}\frac{1}{M_{A1}^2}$$

$C_4 = 2$

$$C_3 = \frac{\cos^2\theta_1}{M_{A_1}^2}\left(\frac{5}{2}\xi_1 - 5\xi_2 - \frac{1}{4}\right) - \frac{5}{2}\left[\frac{1}{6M_{A_1}^2}(3\beta_1 + 2\xi_1 + 1) + 1\right]$$

For $\xi_1 = \xi_2 = 1$

$$C_3 = \frac{\cos^2\theta_1}{M_{A_1}^2}\left(-\frac{11}{4}\right) - \frac{5}{2}\left[\frac{1}{2M_{A_1}^2}(\beta_1 + 1) + 1\right]$$

C_3

$\frac{5}{2} - 5 - \frac{1}{4} = \frac{-5}{2} - \frac{1}{4} = \frac{-10-1}{4}$

$-\frac{5}{2}\left[\frac{1}{6M_{A_1}^2}(3\beta_1 + 3) + 1\right]$

$-\frac{5}{2}\left[\frac{1}{2M_{A_1}^2}(\beta_1 + 1) + 1\right]$

C_2

$\frac{5}{2} - 5 + 4 = 0$

$\frac{5}{2}\beta_1 - \frac{1}{2} + \frac{1}{6}(1\mp)$

$= \frac{5}{2}\beta_1 - \frac{1}{2} + \frac{5}{2}$

$= \frac{5}{2}\beta_1 + 2$

$$C_2 = \frac{\cos^2\theta_1}{M_{A_1}^2}\left\{\frac{\cos^2\theta_1}{M_{A_1}^2}\left[\frac{1}{2}(\xi_1^2 + \xi_2) - 5\xi_1\xi_2 + 4\xi_2^2\right] + (-\xi_1 + 5\xi_2) + \frac{1}{M_{A_1}^2}\left[\frac{5}{2}\beta_1\xi_2 - \frac{1}{2}\xi_1^2 + \frac{1}{6}(10\xi_1\xi_2 + 5\xi_2)\right]\right\}$$

$$\Leftarrow \left[+\frac{1}{2} + \frac{\Delta q_{0x}}{2} + \frac{1}{M_{A_1}^2}\left[\frac{5}{4}\beta_1 + \frac{1}{3}(\xi_1 + 2)\right]\right]$$

$$C_2 = \frac{\cos^2\theta_1}{M_{A_1}^2}\left[4 + 2\frac{1}{M_{A_1}^2}\left(\frac{5}{4}(\beta_1 + 1)\right)\right] + \frac{1}{2} + \frac{1}{M_{A_1}^2}\left(\frac{5}{4}\beta_1 + 1\right)$$

For $\xi_1 = \xi_2 = 1$, $\Delta q_{0x} = 0$

$$C_2 = \frac{\cos^2\theta_1}{M_{A_1}^2}\left\{0 + 4 + \frac{1}{M_{A_1}^2}\left[\frac{5}{2}\beta_1 + 2\right]\right\} + \frac{1}{2} + \frac{1}{M_{A_1}^2}\left[\frac{5}{4}\beta_1 + 1\right]$$

$$C_0 = \frac{\cos^2\theta_1}{M_{A_1}^2}\left\{\frac{\cos^2\theta_1}{M_{A_1}^2}\left[\frac{\Delta q_{0x}}{2}\xi_2^2 + \frac{1}{M_{A_1}^2}\left(\frac{5}{4}\beta_1\xi_2^2 + \frac{2}{3}(\xi_2^2 - \xi_2^2\xi_1)\right)\right] + \frac{1}{M_{A_1}^2}\frac{1}{2}\xi_2^2\right\}$$

For $\xi_1 = \xi_2 = 1$, $\Delta q_{0x} = 0$

$$C_0 = \frac{\cos^2\theta}{M_{A_1}^2}\left\{\frac{\cos^2\theta_1}{M_{A_1}^2}\frac{1}{M_{A_1}^2}\left[\frac{5}{4}\beta_1 + 0\right] + \frac{1}{M_{A_1}^2}\frac{1}{2}\right\}$$

$\frac{2}{3}(1-1)$

$$C_0 = \frac{\cos^2\theta_1}{M_{A_1}^2}\frac{1}{M_{A_1}^2}\left(\frac{\cos^2\theta_1}{M_{A_1}^2}\frac{5}{4}\beta_1 + \frac{1}{2}\right)$$