COM info

Friday, March 31, 2017 10:43 PM

ELEMENT 4: BC

$$\frac{1}{\Omega_{cm,4}} = \begin{cases}
\Omega_{cm4,x} : -\overline{A_{o}A} W_{2}^{2} \cos \theta_{2} - \overline{B_{c}} \left[\alpha_{4} \cos \theta_{4} + w_{4}^{2} \cos \theta_{4} \right] \\
\Omega_{cm4,y} : \overline{A_{o}A} \left(-w_{2}^{2} \right) \sin \theta_{2} + \overline{B_{c}} \left[\alpha_{4} \sin \theta_{4} - w_{4}^{2} \sin \theta_{4} \right]
\end{cases}$$

ELEMENTS: B.B

$$T_{BOB} = \begin{cases} r_{808 \times} : \overline{\underline{6.8}} cos\Thetas \\ r_{608 Y} : \overline{\underline{8.8}} sin\Thetas \end{cases}$$

QBOB =
$$\begin{cases}
A_{BOB}: \overline{B_{OB}} \left[-\kappa_{S} \sin \theta_{S} - w_{S}^{2} \cos \theta_{S} \right] \\
A_{BOB}y: \overline{B_{OB}} \left[\omega_{S} \cos \theta_{S} - w_{S}^{2} \sin \theta_{S} \right]
\end{cases}$$

ELEMENT 6: Point C

$$\vec{r}_c = Rx$$
 $\vec{V}_c = Rx'$ $\vec{Q}_c = Rx''$

ELEMENT 3: Point A

$$\overrightarrow{A}_{A} = \begin{cases} \alpha_{Ax} : -\overrightarrow{A.A} \ \omega_{2}^{2} \cos \theta_{2} \\ \alpha_{Ay} : \overrightarrow{A.A} (-\omega_{2}^{2}) \sin \theta_{2} \end{cases}$$