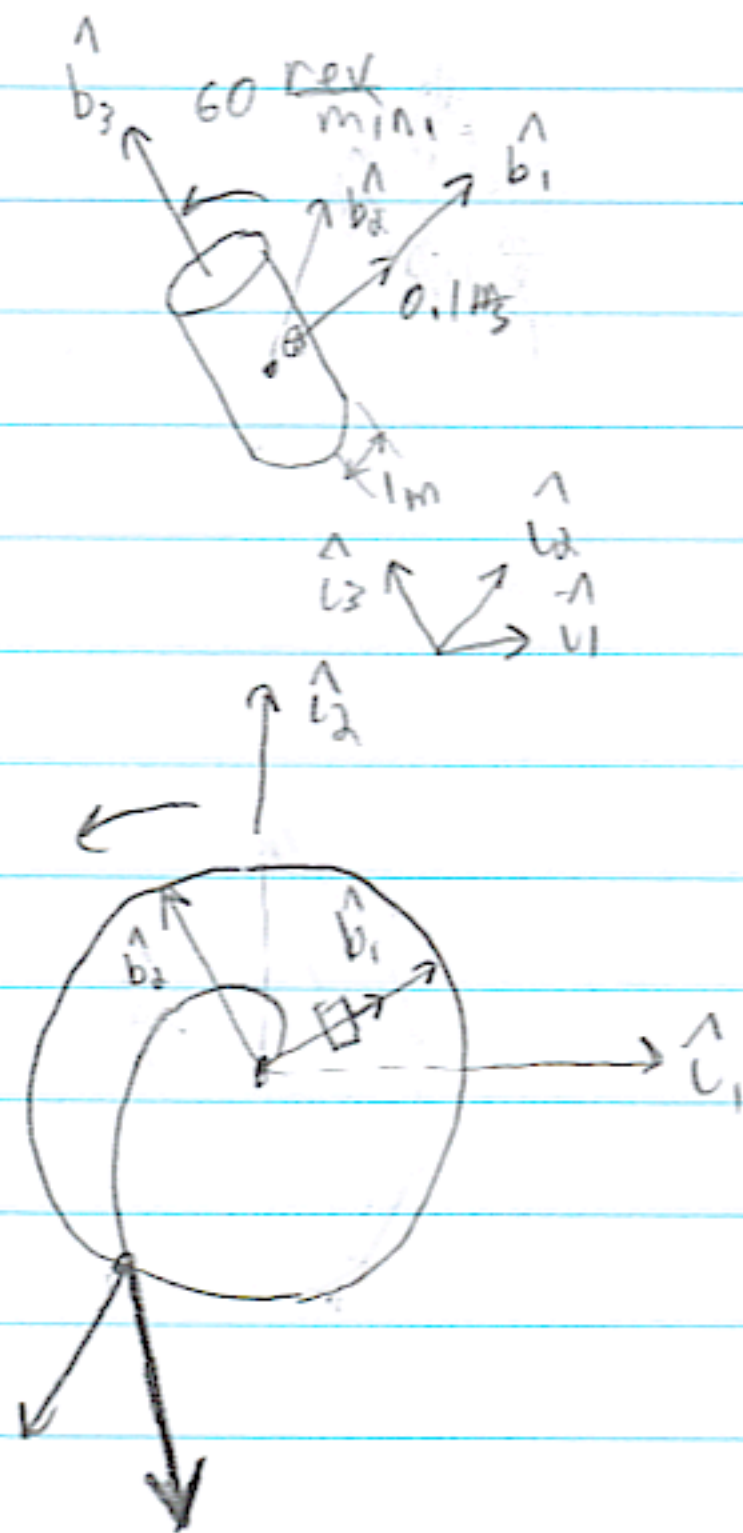


1/15/08



Find absolute acceleration of the particle as it leaves the spacecraft

$$\frac{d\vec{r}}{dt} = \frac{d\vec{r}}{dt} + \vec{\omega} \times \vec{r}$$