

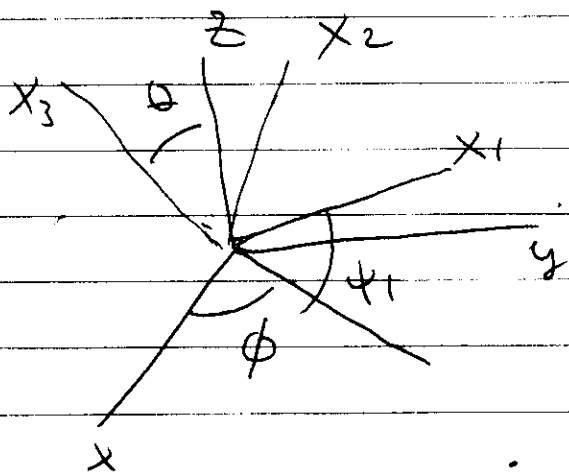
Lecture #

10-24-2007

$$\frac{dM_K}{dt} = K_K$$

$$K_K = \sum_i (\vec{r}_i \times \vec{F}_i)_K$$

Euler angles



$$\Omega_1 = \dot{\theta} \cos \psi + \dot{\phi} \sin \theta \sin \psi$$

$$\Omega_2 = -\dot{\theta} \sin \psi + \dot{\phi} \sin \theta \cos \psi$$

$$\Omega_3 = \dot{\psi} + \dot{\phi} \cos \theta$$

Today Spinning top

VI (i) Euler equations

VI (j) Asymmetric top