PHY 321, APPIL 5, 2023

Midterm discussion

(i) Part 1, (d+e)

$$\mu'' = F(h) + \frac{L^2}{m^3}$$
 $V(e) = -\frac{1}{2} = 0$
 $p = 1$
 $p = 1$
 $p = 2$
 $p(h) = -\frac{1}{2} = 0$
 $p = 1$
 $p = 1$

$$= \frac{\sqrt{\kappa \mu}}{z^{2}} - \kappa$$

$$= \frac{\kappa(\sqrt{\kappa \mu} - 1)}{2^{2}}$$

$$= -\kappa \sqrt{\lambda}$$

$$A = 1 - \frac{\kappa \mu}{2}$$

$$\frac{d^{2}\alpha}{d\phi^{2}} = -\kappa A$$

$$\kappa = 8\cos(\phi - \delta)$$

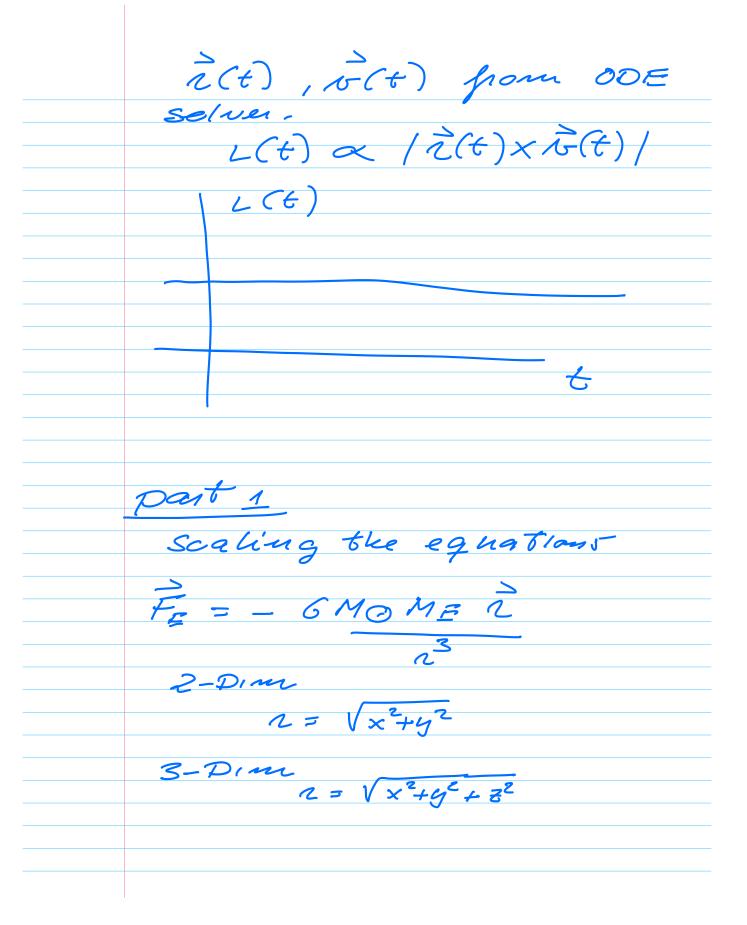
$$\kappa(\phi) - \kappa = \frac{1}{8\cos(\phi - \delta)}$$

$$\kappa(\phi) - \kappa(\phi) - \kappa(\phi) = \frac{1}{8\cos(\phi - \delta)}$$

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$$\kappa(\phi) - \kappa(\phi) = \frac{1}{8\cos($$



$$a_{X} = \frac{F_{X}}{M_{E}} = -\frac{GM_{G}}{I^{3}} \times = \frac{dI_{X}}{GI_{H}}$$

$$a_{Y} = \frac{F_{Y}}{M_{E}} = -\frac{GM_{G}}{I^{3}} y = \frac{dI_{X}}{GI_{H}}$$

$$\frac{dx}{ME} = V_{X} \wedge \frac{dy}{ME} = N_{Y}$$

$$GM_{G} = \frac{?}{I}$$

$$CINCULAN MOTION$$

$$M_{E} N_{A}^{2}/n = F = \frac{GM_{G}M_{E}}{R^{2}}$$

$$V_{A} = \frac{GM_{G}}{I^{3}} \times \frac{I_{A}M_{E}}{I^{3}}$$

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