$$\theta_{2}^{\prime 0} = \theta_{2}^{\prime 0} = \theta_{2}$$

$$\theta_{2}^{\prime 0} = -\frac{g}{L} \operatorname{Sim} \theta_{1}$$

$$\theta_{2}^{\prime 0} = -\frac{g}{L} \operatorname{Sim} \theta_{2}$$

i) 
$$\frac{d\theta_1}{dt} = \theta_1(t,\theta_1,\theta_2) = \theta_2$$

Very disorganized coding. Am I supposed

$$\frac{d\theta_2}{dt} = \frac{\theta_2(t, \theta_1, \theta_2)}{L} = \frac{-\frac{\theta}{2} \sin \theta_1}{L}$$

ii. 1.5

$$\mathcal{J} = \mathcal{J}$$
,  $\mathcal{O}_{i} = \mathcal{Y}$ ,  $\mathcal{O}_{code}$  for calculating the period is not working

$$\frac{dy}{dt} = Z \qquad \frac{dz}{dt} = \left(-\frac{g}{2}\right) \sinh(g)$$

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v. 0

No integration code