2 rde hongous

mon-linear ODE

0 + 8/2 sin(A) = 0

 $\frac{d}{dt} \left[ \frac{1}{2} \frac{d\theta^2}{dt} - \frac{2}{9} \cos \theta \right] = 0$ 

$$\frac{d}{dt} \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} & \cos \theta \end{bmatrix} = 0$$

$$= \frac{1}{2} & \frac{1}{2} & \frac{1}{2} & \cos \theta = 0$$

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$$\frac{1}{2} & \frac{1}{2} & \frac{1}{2} & \sin^{2}(\theta_{2}) - \sin^{2}(\theta_{2}) = 0$$

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$$\frac{1}{2} & \frac{1}{2} & \frac{1}$$

- dt (2/4) (sin 2 (by) - 5:22 (b/2) 1 - sin 1 ( = ) ) /1  $\int_{-\infty}^{\theta_{2}} \frac{d\theta}{\left(\sin^{2}\left(\frac{\theta_{2}}{2}\right) - \sin^{2}\left(\frac{\theta_{2}}{2}\right)\right)^{\frac{1}{2}}} = \left(\frac{1}{2}\right) \left(\frac{2}{2}\right) \left(\frac{1}{2}\right)$ sin (60) - sin (61)/2