Equation :

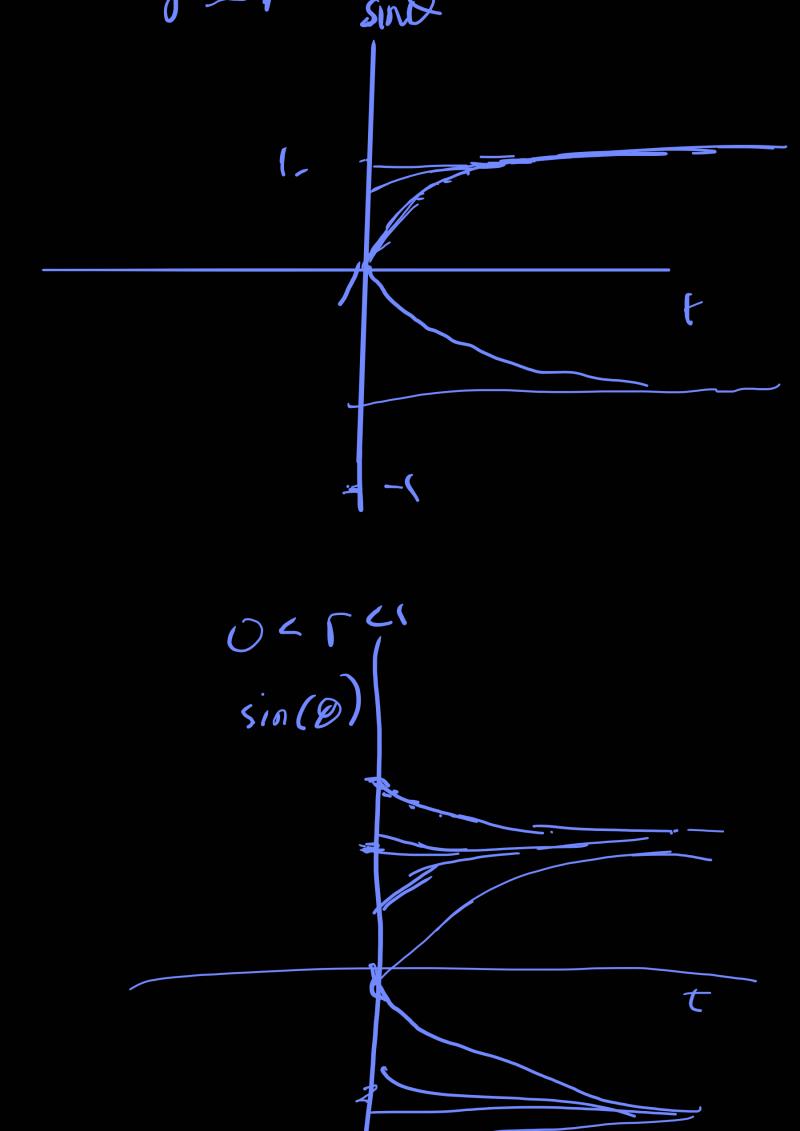
To reduce to:

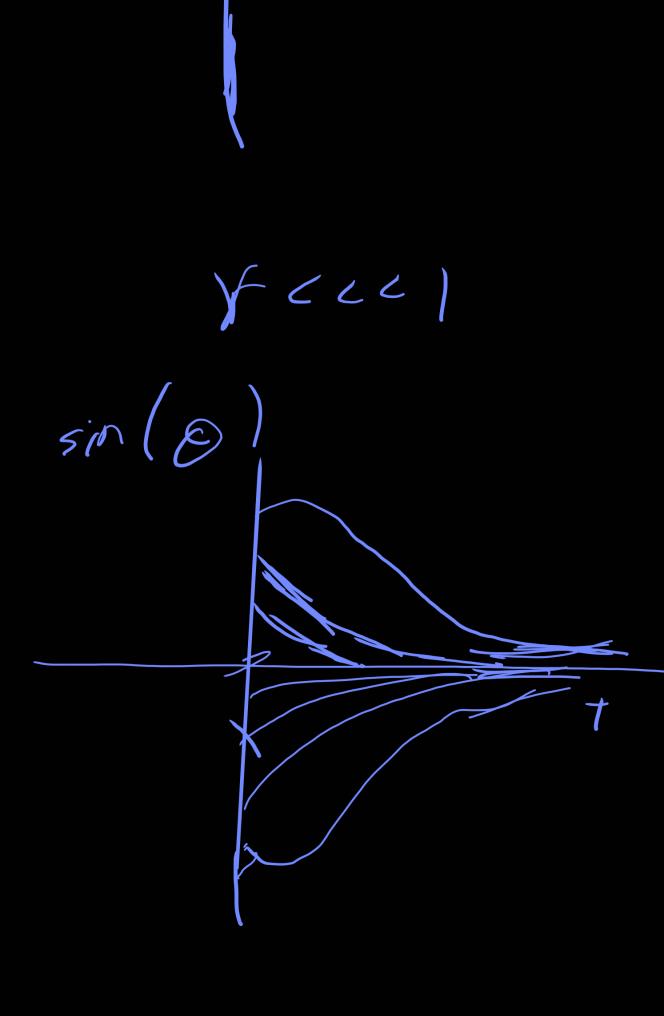
$$\frac{b}{mgl} \frac{dO}{dt} = \frac{1}{mgL} - \sin O$$

$$\frac{dQ}{dZ} = 8 - \sin \theta$$



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o Torque due to gravely is proportional to sint

For

