

$$\frac{dv}{dt} = g - \frac{K}{m}v^{2}$$

$$\frac{dv}{dt} = \int \frac{dv}{dt} = \int \frac{dv}{(m^{2} - v)(\frac{m^{2} + v}{n})} dt$$

$$\int \frac{dv}{k} (\frac{m^{2} - v^{2}}{k}) dt$$

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$$\frac{1}{(\log x + v)(\log x - v)} = \frac{A}{(\log x + v)} + \frac{B}{(\log x + v)}$$

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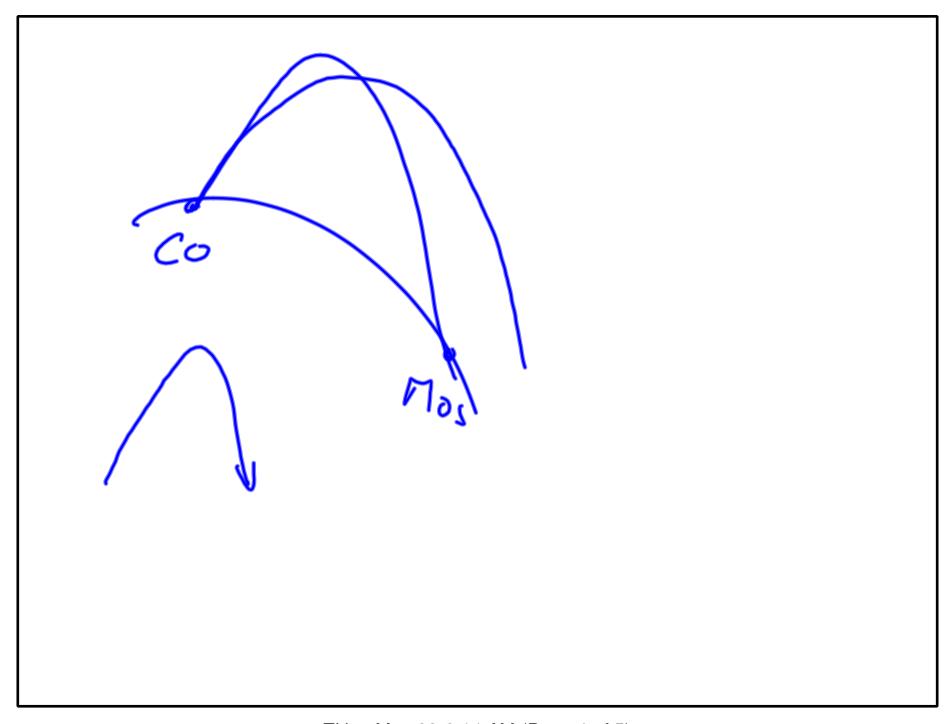
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