

abacig mappan

$$2n^3 \log 1 = -mg - kv^2 = mv^2 = 6 v^2 = -g(1 + \frac{k}{mg}v^2)$$

$$\frac{1+\frac{k}{mg}v^2}{1+\frac{k}{mg}v^2} = -gdt$$

$$\int \frac{1+\frac{m^2}{K}\Lambda_5}{g\Lambda} = \int \frac{k}{m^2} \int \frac{1+\Lambda_5}{g\Lambda} = \int \frac{k}{m^2} \left(fcu_1 + c\right) = 0$$

$$0 = \left\lceil \frac{mg}{k} \right\rceil + o = o = \left\lceil \frac{mg}{k} \right\rceil + \left\lceil \frac{mg}{$$

$$ton' \frac{k}{mg} v = -\frac{kg}{m} + + C$$

$$\left[\frac{k}{m9} + c - \left[-\frac{k}{m} + c\right] \right] = \sqrt{(4)} - \left[\frac{k}{m9} + c\right] - \left[-\frac{k}{m9} + c\right]$$

$$V(1) = \sqrt{6} + \sqrt{\frac{mg}{k}} \Omega \left[\frac{\cos(C_1 - t / kg)m}{\cos(C_1 - t / kg)m} \right] = \sqrt{\frac{mg}{k}} \cdot \tan\left[-t / \frac{kg}{m} + C_1 \right]$$

$$V(1) = \sqrt{6} \cdot t \cdot \left[\frac{mg}{k} \cdot \cot\left[-t / \frac{kg}{m} + C_1 \right] \right] = \sqrt{\frac{mg}{k}} \cdot \tan\left[-t / \frac{kg}{m} + C_1 \right]$$

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