Pendolo semplice

$$mg + T = ma = m(a_T + a_A)$$
 $U_T : -mg con\theta + T = ma a_B = m r^2$
 $a_T = a L = \frac{d^2\theta}{dt^2}$
 $u_T : \frac{d^2\theta}{dt^2} = -g a_A \theta$
 $u_T : \frac{d^2\theta}{dt^2} + \frac{g}{2} a_A \theta = 0$
 $u_T : \frac{d^2\theta}{dt^2} + \frac{g}{2} a_A \theta = 0$
 $u_T : \frac{d^2\theta}{dt^2} + \frac{g}{2} a_A \theta = 0$
 $u_T : \frac{d^2\theta}{dt^2} + \frac{g}{2} a_A \theta = 0$
 $u_T : \frac{d^2\theta}{dt^2} + \frac{g}{2} a_A \theta = 0$
 $u_T : \frac{d^2\theta}{dt^2} + \frac{g}{2} a_A \theta = 0$
 $u_T : \frac{d^2\theta}{dt^2} + \frac{g}{2} a_A \theta = 0$
 $u_T : \frac{d^2\theta}{dt^2} + \frac{g}{2} a_A \theta = 0$
 $u_T : \frac{d^2\theta}{dt^2} + \frac{g}{2} a_A \theta = 0$
 $u_T : \frac{d^2\theta}{dt^2} + a_A \theta = 0$

一て 2m = 2m 1g

$$v(t) = \frac{ds}{dt} = L\theta_0 \omega cos (\omega t + \phi)$$

$$T = mg \cos \theta + m \frac{r^2}{L} = T(t)$$