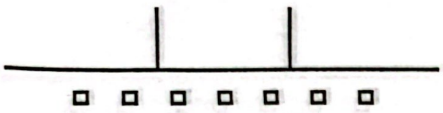

Velocidade $A \cdot \text{Sen}(W_n T)$

$x(T) = A \cdot \text{Sen}(W_m \cdot T)$ Posição

$v = x' = A \cdot \cos(W_n T) \cdot W_n = A \cdot W_n \cdot \cos(W_n T)$

$a = x'' = -A \cdot W_n \cdot \text{Sen}(W_n \cdot T) \cdot W_n = -A \cdot W_n^2 \text{Sen}(W_n T)$