

de 2 bewegingsvergelijkingen.

$$-0.0006240000000 v(t)^2 \cos(\Theta(t)) = 0.44 \left( \frac{d}{dt} v(t) \right) \cos(\Theta(t)) - 0.44 v(t) \left( \frac{d}{dt} \Theta(t) \right) \sin(\Theta(t))$$

$$-4.3164 - 0.0006240000000 v(t)^2 \sin(\Theta(t)) = 0.44 \left( \frac{d}{dt} v(t) \right) \sin(\Theta(t)) + 0.44 v(t) \left( \frac{d}{dt} \Theta(t) \right) \cos(\Theta(t))$$

