Deep Blue

von Buelow, Peter

<http://hdl.handle.net/2027.42/64938>
http://hdl.handle.net/2027.42/64938
WEIGHTLESS STICK

\[ \theta_1 = \frac{ML}{3} \]

\[ \theta_2 = \frac{M}{L} \]

\[ M = \frac{48}{16} = 3 \]

\[ \theta = \frac{ML}{3} \]

SIMPLE BEAM

\[ \theta_2 = \frac{WL^2}{24} = \frac{24(16)^2}{24} = 256 \]

\[ \theta = \frac{ML}{3} + 256 = 15.33 + 256 \]

EQUATE \( \theta \)'

\[ \theta_1 + \theta_2 = 0 \]

\[ M = \frac{48}{3} \]

\[ V \]

\[ H \]