

# University of Sydney Typst Presentation theme

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Demonstrating some mathematics:  $\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{q}_i} \right) - \frac{\partial L}{\partial q_i} = \tau$

$$\bar{\delta} = \frac{1}{2} z_{b(t_{bt})} + \frac{m_b g}{k} - \frac{(m_b + m_l)^2}{k m_b z_{b(t_{bt})}} g h$$

$$\begin{bmatrix} \ddot{x} \\ \ddot{\theta} \end{bmatrix} = \begin{bmatrix} \frac{m_p \sin(\theta) (l \dot{\theta}^2 + g \cos(\theta))}{m_c + m_p \sin^2(\theta)} \\ \frac{-f_x \cos(\theta) - m_p l \dot{\theta}^2 \cos(\theta) \sin(\theta) - (m_c + m_p) g \sin(\theta)}{l (m_c + m_p \sin^2(\theta))} \end{bmatrix} + \begin{bmatrix} 1 \\ 0 \end{bmatrix} f_x$$

# Example title

Info

info block

Example

example block

Alert

alert block

Blocks are schemed to usyd themes.<sup>1</sup>

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<sup>1</sup>Footnotes work too!

**Break slide to introduce new section**

# Continuation of new section

Note the progress of sections in the header

# Example title

Blank slides to show progress bar in header

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Thanks for checking this theme out!

Please feel free to propose changes/improvements.