# **University of Sydney Typst Presentation theme**

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

$$\overline{\delta} = \frac{1}{2}z_{b(t_{\mathrm{bt}})} + \frac{m_b g}{k} - \frac{\left(m_b + m_l\right)^2}{k m_b z_{b(t_{\mathrm{bt}})}} gh$$

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



## **Example title**

Info
info block
Example
example block
Alert
alert block

Blocks are schemed to usyd themes.1



### Break slide to introduce new section



#### **Continuation of new section**

Note the progress of sections in the header



## **Example title**



## **Example title**



sect 6





Thanks for checking this theme out!

Please feel free to propose changes/improvements.