Introduction to Computational Science & Engineering (CSE)

16.0002 / 18.0002

New and improved !
Now in person !!

Lecture 9:
Introduction to Probabilistic Thinking

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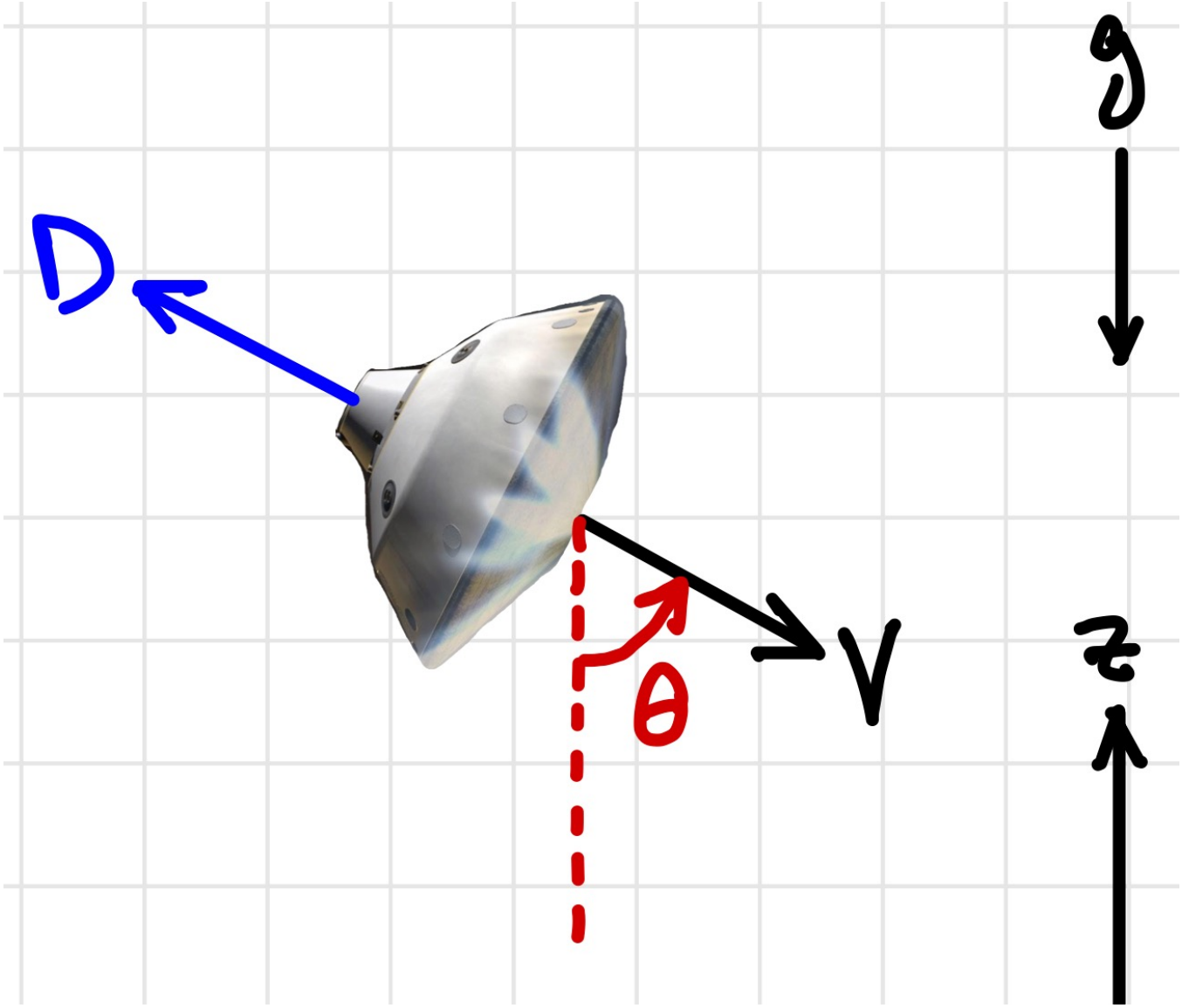
24 November 2021

Martian lander from PS1



$$\frac{\mathrm{d}}{\mathrm{d}t}\begin{bmatrix} V \\ z \end{bmatrix} = \begin{bmatrix} g\cos\theta - D_l/m_l \\ -V\cos\theta \end{bmatrix}$$

$$D_l = \frac{1}{2}\rho_a V^2 A_l C_{Dl}$$