UNIVERSITY OF CAMBRIDGE

Introduction to the LaTeX Beamer Package

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Outline

- Why we need Beamer
- How to use Beamer
- What Beamer can produce
- Conclusions

Background

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- We would like to be able to copy-paste equations and text from our LaTeX reports into presentations.

Beamer

- Beamer is a set of LaTeX packages that produce good PDF presentations.
- Freely available with standard LaTeX distributions
- They are easily customisable
- Full information is available at `http://www.ctan.org/tex-archive/macros/latex/contrib/beamer/doc/beameruserguide.pdf`

Equations / Algorithm

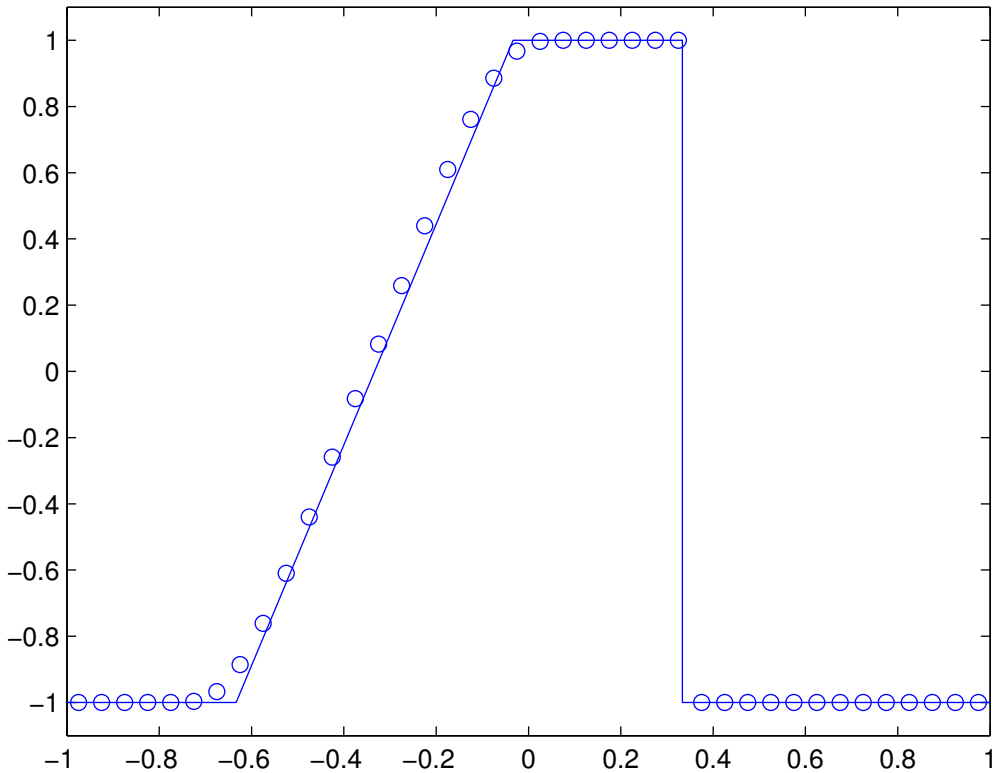
I have a marvellous proof that

$$\frac{\pi^2}{6} = \sum_{n=1}^{\infty} \frac{1}{n^2}$$

but this slide is too small to contain it.

Results

Using the ENO scheme to solve Burger's equation:



Conclusions and Further Work

- Beamer allows basic and complex presentations
- They look professional and allow the inclusion of equations
- Movies are more of a challenge, and I am looking into this.