

My Presentation

Learning to use the Beamer class

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Outline

- 1 A basic frames
 - Frame mechanics
 - A table in latex
 - Lists & enumerated lists
 - Highlighting text
 - Block definitions
 - Workin with columns
 - Frame breaks

Introduction



Figure: Leo

Welcome TeXnicians !

| Competitor Name | Swim | Cycle | Run | Total |
|-----------------|-------|-------|-------|-------|
| John T | 13:04 | 24:15 | 18:34 | 55:53 |
| Norman P | 8:00 | 22:45 | 23:02 | 53:47 |
| Alex K | 14:00 | 28:00 | n/a | n/a |
| Sarah H | 9:22 | 21:10 | 24:03 | 54:35 |

Table: Triathlon results

Listing things

- this is item 1
 - ① this is subitem 1
 - ② this is subitem 2
 - ③ this is subitem 3
- this is item 2
 - ❶ this is subitem 1
 - ❷ **this is subitem 2**
- this is item 3
 - ❶ this is subitem 1
 - ❷ *this is subitem 2*

A block definitions

The advection equation:

$$\partial_t u + \nabla \cdot f(u) = 0, \quad (1)$$

The heat equation:

$$\partial_t u = \nabla^2 u + \sigma. \quad (2)$$

adding the above equations yields:

The advection-diffusion equation:

$$\partial_t u + \nabla \cdot f(u) = \nabla^2 u + \sigma. \quad (3)$$

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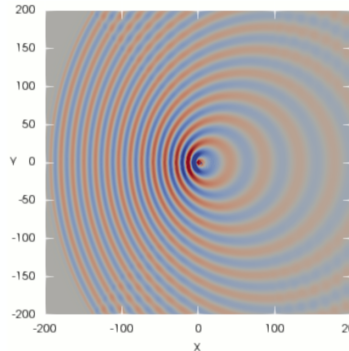
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$$\partial_t u + \nabla \cdot f(u) = \nabla^2 u + \sigma. \quad (3)$$

Working in two-columns

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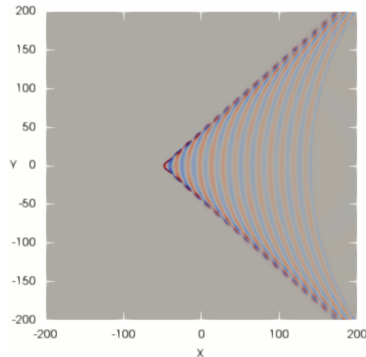
Figure: Subsonic Monopole



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Figure: Supersonic Monopole



List in multiple columns

$$\textcircled{1} \quad y = x$$

$$\textcircled{2} \quad y = |x|$$

$$\textcircled{3} \quad y = x^2$$

$$\textcircled{4} \quad y = x^3$$

$$\textcircled{5} \quad y = x^b$$

$$\textcircled{6} \quad y = \sqrt{x}$$

$$\textcircled{7} \quad y = \sqrt[3]{x}$$

$$\textcircled{8} \quad y = \frac{1}{x}$$

$$\textcircled{9} \quad y = \ln x$$

$$\textcircled{10} \quad y = \frac{1}{1+e^{-x}}$$

$$\textcircled{11} \quad y = \sin x$$

$$\textcircled{12} \quad y = \cos x$$

$$\textcircled{13} \quad y = \tan x$$

$$\textcircled{14} \quad y = 2^x$$

$$\textcircled{15} \quad y = e^x$$

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References I

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References II

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Any Questions?