

Introduction to Geophysics R. Drews

Gravimetry



Learning Goals:

- ► First item bla bla bla bla some more text
- First item bla bla bla bla some more text
- First item bla bla bla bla some more text

Gravitational field

EBERHARD KARLS

asdf

This is above point 1

point 2

This is below



We use Beamer instead of PowerPoint to create presentations to be projected on a screen. Since it is based on LaTeX, it is excellent for presentations with mathematical formulas.

Indeed, we assume the user is already familiar with LATEX.

This slide deck uses the ep-dark style which TUBINGEN provides a particularly simple, clean design featuring white text on a black backgound. This is

ideal for use on the Lightboard. Keep it clean! Don't put too many words on a slide.



This is a block

A block structure is useful for highlighting particular information.

Definition

The definition environment is a type of block used for definitions. Highlight the word you are defining.

► Itemized lists are useful for sequential points.



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- ► In this example, each item appears on subsequent slides.



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- In this example, each item appears on subsequent slides.
- ► Items are added one by one until done.



The pause command



The pause command is a mechanism for building up a slide in pieces.





This sentence will only appear after the first the first one.



The second sentence was only on the 2nd slide; this sentence will be on slides 3 and all subsequent slides.



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Finally, this sentence appears.



Because Beamer is built in LaTeX it does mathematics beautifully either inside a sentence, $\sqrt{2} + \cos \theta$, or in display mode:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}.$$

Do it right! Notice this difference between $cos\theta$ [wrong!] and $cos\theta$ [yes!].



$$|z| = \sqrt{z \cdot \overline{z}}$$

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$$= \sqrt{a^2 + b^2}$$



Use the amsmath and amsthm packages for additional math functionality.

Theorem (Binomial)

Let n be a nonnegative integer. Then

$$(x+y)^n = \sum_{k=0}^n \binom{n}{k} x^k y^{n-k}. \quad \Box$$