



Absolute, only the speed of light

General and Special Relativity in Physics

Albert Einstein

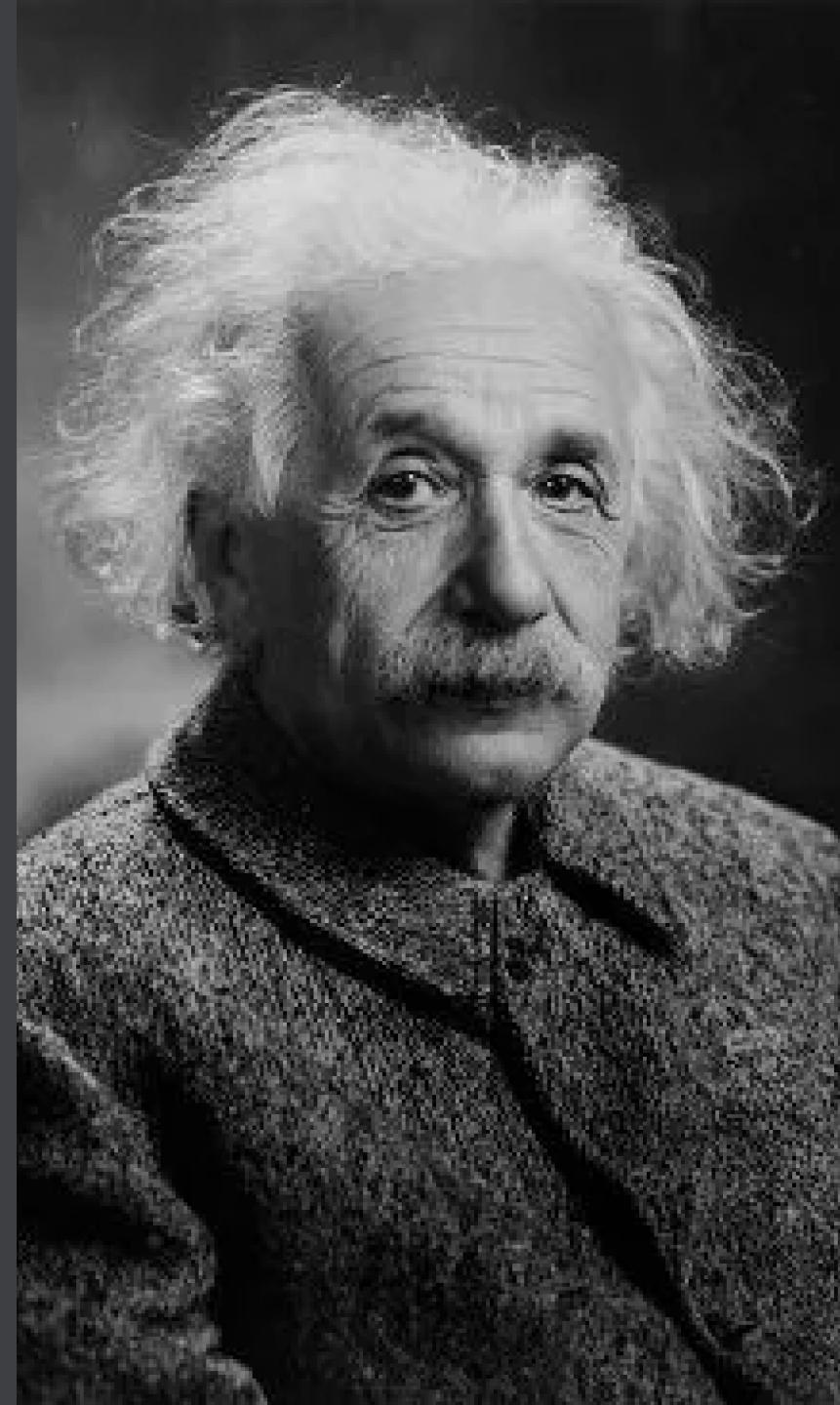
Bern, Schweiz, 1905 (anno mirabilis)

Eidgenössisches Amt für Geistiges Eigentum

Absolute, only the speed of light

General and Special Relativity in Physics

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EINSTEIN-
HAUS

EINSTEIN

— café & bel étage —

IN DIESEM HAVSE SCHVF
ALBERT EINSTEIN
IN DEN JAHREN 1903-1905
SEINE GRVNDLEGENDE
ABHANDLVNG VBER DIE
RELATIVITATSTHEORIE

Normal Slide

Common texts

Normal Slide

Common texts

Lists

- | | | | |
|---|------------------|---|---------------------|
| 1 | Zürich | 1 | Luzern (Lucerna) |
| 2 | Genf (Genebra) | 2 | St. Gallen |
| 3 | Basel (Basileia) | 3 | Winterthur |
| 4 | Bern (Berna) | 4 | Lugano |
| 5 | Lausanne | 5 | Freiburg (Friburgo) |

Is Algebraic Graph Knowledge Possible?

Research has been conducted in order to evaluate the possibility of reaching meaningful knowledge from Algebraic Graph transformations.

- Model Checking and theorem proving are viable paths.

When the need to make strong assertions becomes inevitable:

- This is the first way: **outstanding assertion!**
- Even greater impact comes from: **hilight text!**

| ***Note**: This is a very long footnote line intended to test the layout of two.

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H1

H2

H3

H4

H5

H6

- This is a fragment o normal text written here in order to exemplify the use of several featrues in CSS.
- This is a fragment o normal text written here in order to exemplify the use of several featrues in CSS.
 - This is one **feature**
 - This is another subjetc.

Lists

1. One
2. Two
3. Three
 - i. abc
 - ii. def
4. End of list

```
primes = filterPrime [2..]
  where filterPrime (p:xs) =
        p : filterPrime [x | x <- xs, x `mod` p /= 0]

seqLength :: Num b ⇒ Sequence a → b
seqAppend :: Sequence a → Sequence a → Sequence a

seqLength Nil = 0
seqLength (Cons _ xs) = 1 + seqLength xs

seqAppend Nil ys = ys
seqAppend (Cons x xs) ys = Cons x (seqAppend xs ys)
```

Code: Haskell code fragment.

Tables

Column A	Column B	Column C	Column D
A1	B1	C1	D1
A2	B2	C2	D2
A3	B3	C3	D3

Table: Exemple of use of tables.

LaTeX Equations

$$\frac{1}{c^2} \frac{\partial^2 \psi}{\partial t^2} = \nabla^2 \circ \psi$$

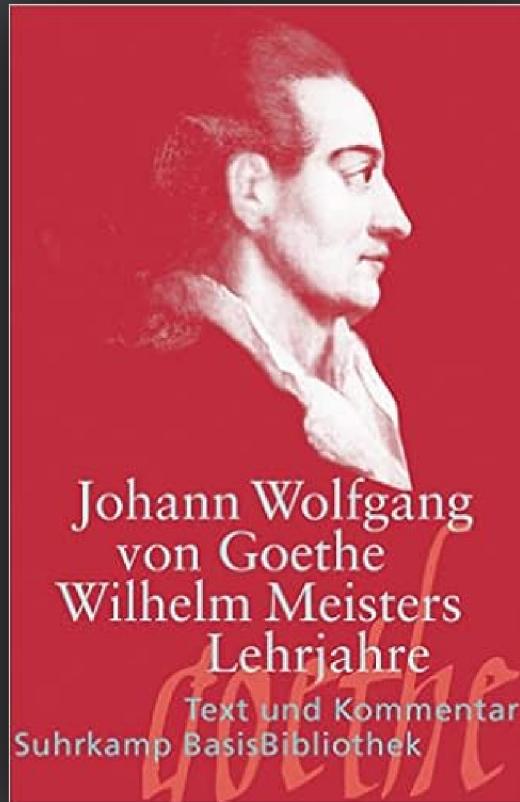
$$\nabla \times \mathbf{E} = - \frac{\partial \mathbf{B}}{\partial t}$$

$$\nabla^2 \mathbf{E} = \mu \epsilon \frac{\partial^2 \mathbf{E}}{\partial t^2}$$

$$c = \sqrt{\frac{1}{\mu \epsilon}}$$

Formulae: Exemples of use of LaTeX formulas.

Images in Two Columns



Images in Two Columns

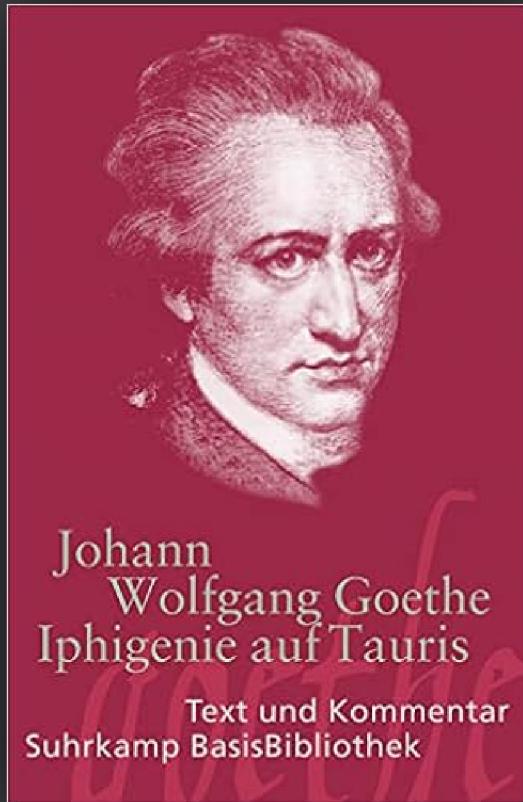


Figure 1: Göthe, Suhrkamp (2011).

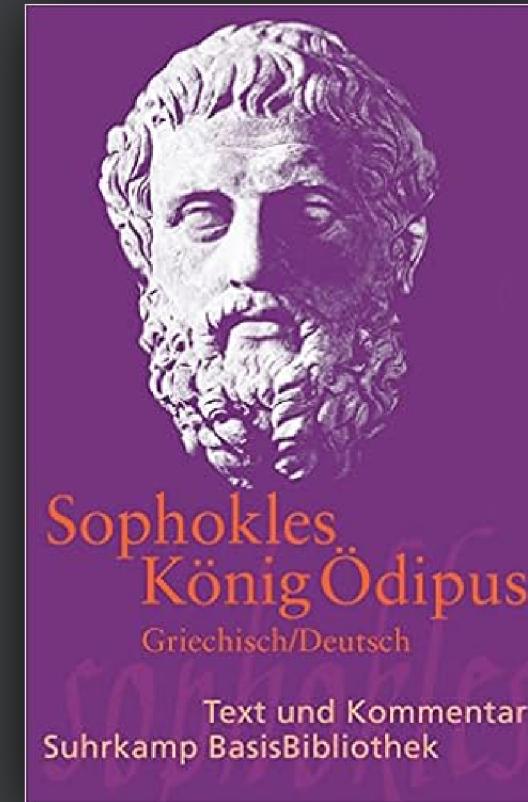


Figure 2: Sophokles, Suhrkamp (2015).

Image and text

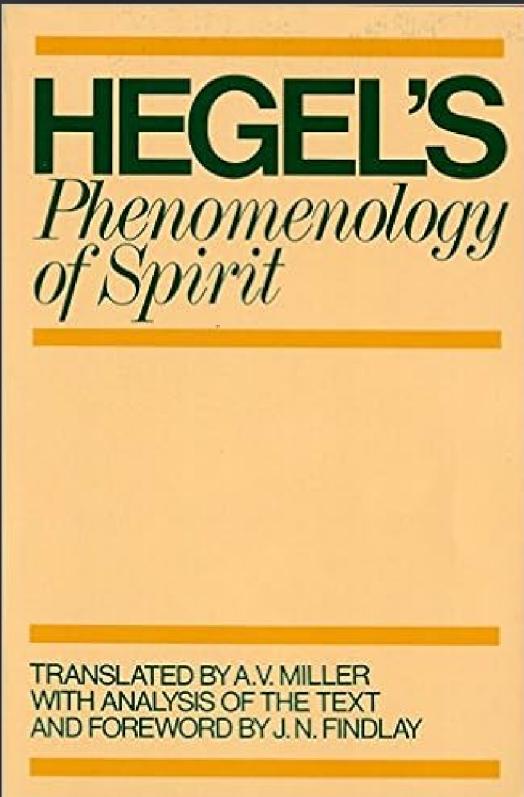


Figure: Oxford edition (1979).

Hegel's Phenomenology

The book was originally entitled "Phänomenologie des Geistes" by its author, G.W.F. Hegel.

- Published in 1807, marked a significant development in German idealism after Kant.
- In this book Hegel develops his concepts of dialectic.

Price at Amazon: \$ 17.83

Image and text

Kant, Leibniz & Newton

That philosophy and the sciences were closely linked in the age of Leibniz, Newton, and Kant; but a more precise determination of the structure of this linkage is required.

This addresses the transformations of metaphysics as a discipline, the emergence of analytical mechanics, the diverging avenues of 18th-century Newtonianism, the body-mind problem, and philosophical principles of classification in the life sciences.

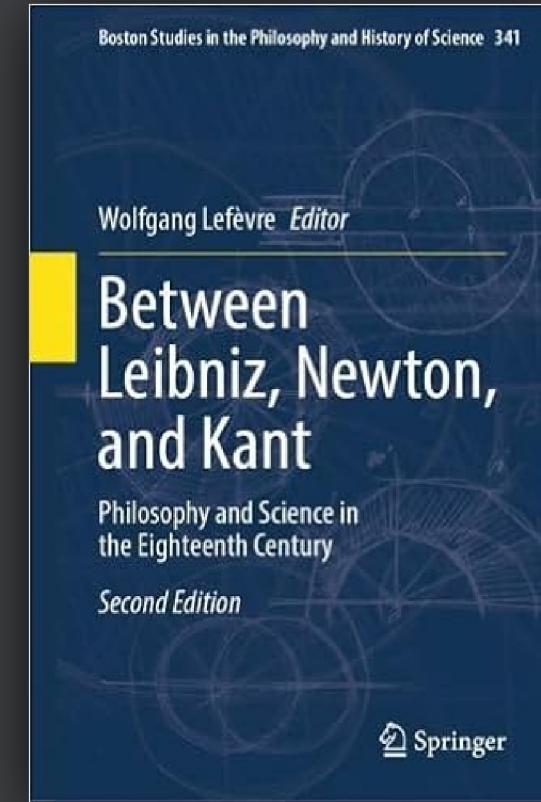


Figure: Springer edition (2023).

"There is an **increasing** demand of current information systems to incorporate the use of a higher degree of formalism in the development process. **Formal Methods** consist of a set of tools and techniques based on mathematical model and formal logic that are used to **specify and verify** requirements and designs for hardware and software systems."

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- **Mona Batra** -

Transition Slide 1

Aditional Text

Transition Slide 2

Aditional Text



THANK YOU!

References

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5. HEGEL, Georg Friederich Wilhelm. **Hegel's Phenomenology of Spirit**. Tradução: A. V. Miller. New York: Oxford University Press, 2004.

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