



De revolutionibus orbium coelestium

On the Revolutions of the Heavenly Spheres

Niklas Koppernigk (Nicolaus Copernicus)
Nürnberg, 1543
Heiliges Römisches Reich

De revolutionibus orbium coelestium

On the Revolutions of the Heavenly Spheres

Niklas Koppernigk (Nicolaus Copernicus)
Nürnberg, 1543
Heiliges Römisches Reich



Opening Description of a Chapter

Some text about what's ahead...

Lists

- | | | | |
|---|----------------------|---|----------------------|
| 1 | Berlin | 1 | Leipzig |
| 2 | Hannover | 2 | Dresden |
| 3 | Freiburg im Breisgau | 3 | München |
| 4 | Heidelberg | 4 | Köln |
| 5 | Hamburg | 5 | Königsberg und Praga |

Is Algebraic Graph Knowledge Possible?

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

- Model Cheking and theorem proving are viable paths.
- 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.

H1 - Header 1

H2 - Header 2

H3

H4

H5

H6

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

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

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

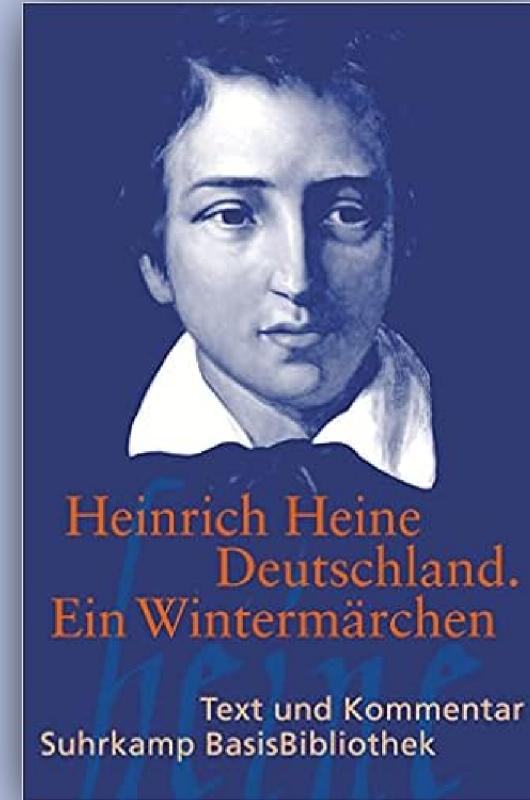
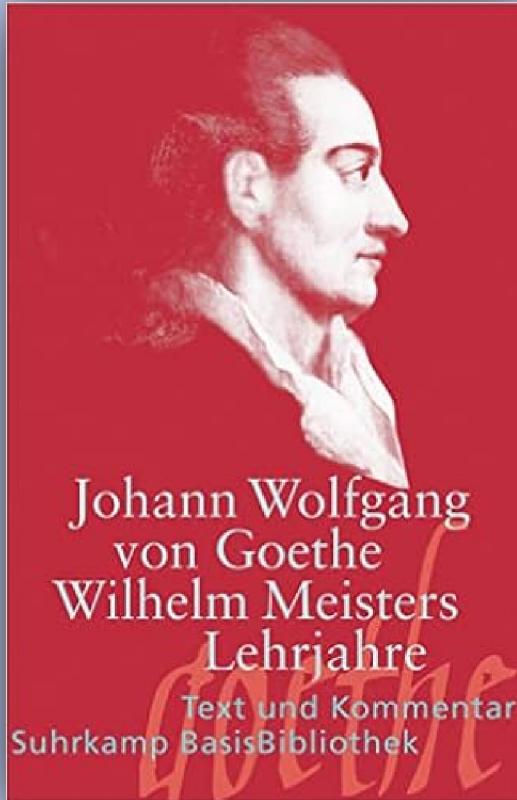
$$\nabla \times \mathbf{E} = - \frac{\partial \mathbf{B}}{\partial t}$$

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

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

Formulae: Exemples of use of LaTeX formulas.

Images in Two Columns



Images in Two Columns

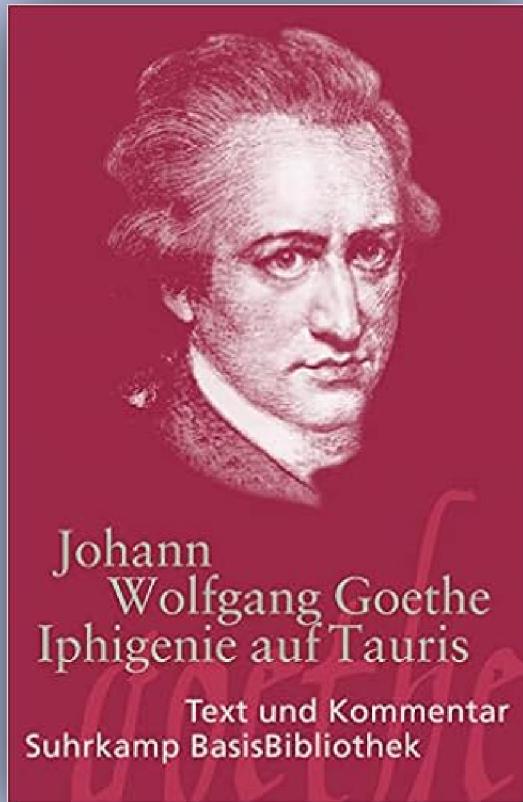


Figure 1: Göthe, Suhrkamp (2011).

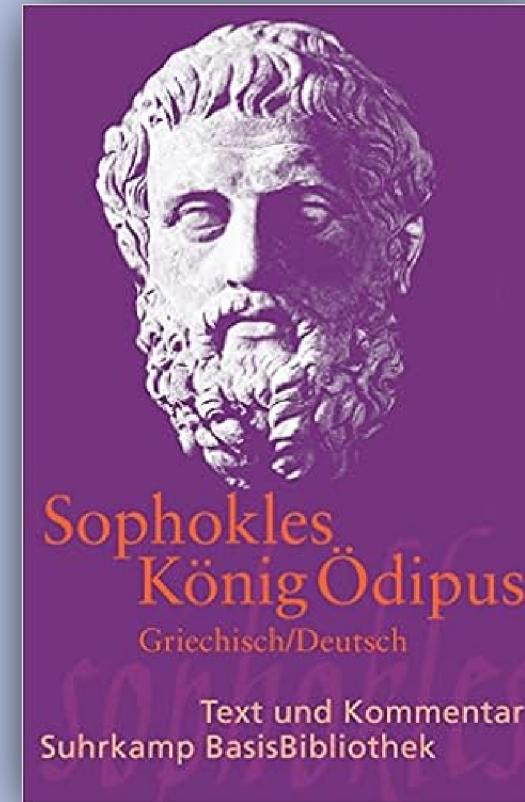


Figure 2: Sophokles, Suhrkamp (2015).

Image and text

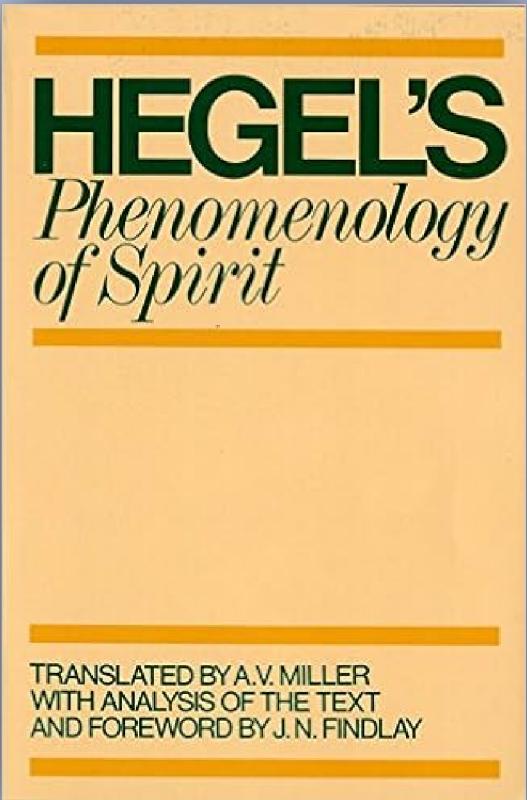


Figure: Oxford edition (1979).

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

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 text addresses the coming of metaphysics into a discipline, the emergence of analytical mechanics.

Available at Amazon: 91,42 €

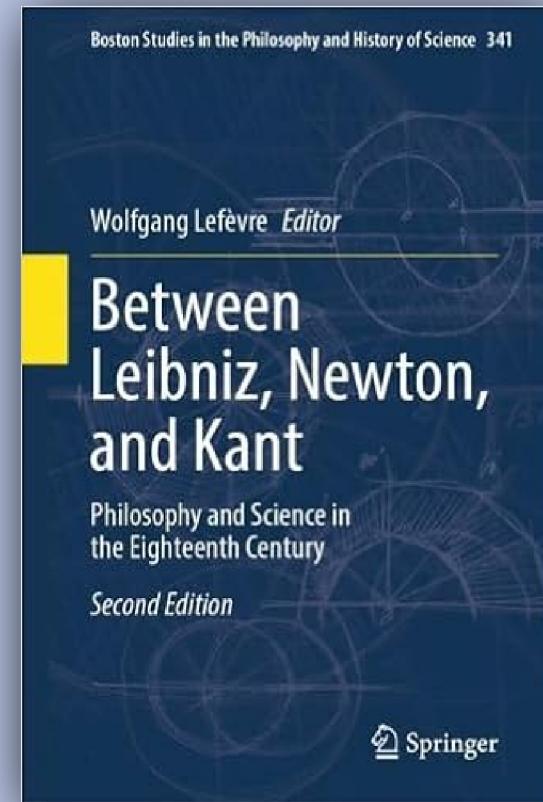


Figure: Springer edition (2023).

"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."

"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."



Transition Slide 1

Aditional *Text*



Transition Slide 2

Aditional Text

References

1. PLATO. **Plato Republic**. Tradução: C. D. C. Reeve. Indianapolis, IN, USA: Hackett Publishing Company, 2004.
2. PLATO. **Plato Republic**. Tradução: C. D. C. Reeve. Indianapolis, IN, USA: Hackett Publishing Company, 2004.
3. ARISTOTELES. **Nikomachische Ethik**. Berlin: Akademie Verlag, 2010. (Klassiker Auslegen).v. 2
4. KANT, Immanuel. **Kritik der Praktischen Vernunft**. Berlin: Akademie Verlag, 2002. (Klassiker Auslegen).v. 26
5. HEGEL, Georg Friederich Wilhelm. **Hegel's Phenomenology of Spirit**. Tradução: A. V. Miller. New York: Oxford University Press, 2004.

References

1. PLATO. *Plato Republic*. Tradução: C. D. C. Reeve. Indianapolis, IN, USA: Hackett Publishing Company, 2004.
2. ARISTOTELES. *Nikomachische Ethik*. Berlin: Akademie Verlag, 2010. (Klassiker Auslegen).v. 2
3. KANT, Immanuel. *Kritik der Praktischen Vernunft*. Berlin: Akademie Verlag, 2002. (Klassiker Auslegen).v. 26
4. HEGEL, Georg Friederich Wilhelm. *Hegel's Phenomenology of Spirit*. Trad. M. M. Müller. New York: Oxford University Press, 1977.
5. HUSSERL, Edmund. *The Crisis of European Sciences and Transcendental Phenomenology*. Evanston, USA: Northwestern University Press, 1970.
6. CASSIRER, Ernst. *The Myth of the State*. New Haven, USA: Yale University Press, 1946.
7. HEIDEGGER, Martin. *Sein und Zeit*. 11. ed. Tübingen: Max Niemeyer Verlag, 1967.
8. GADAMER, Hans-Georg. *Wahrheit und Methode*. Berlin: Akademie Verlag, 1975.