



Nineteen Eighty-Four

Big Brother is watching you!

George Orwell (Eric Arthur Blair)
London, UK, 1949
Secker and Warburg

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Normal Slide

Common texts

Lists

- | | | | |
|---|------------|---|-------------|
| 1 | London | 1 | Newcastle |
| 2 | Manchester | 2 | Sheffield |
| 3 | Birmingham | 3 | Nottingham |
| 4 | Glasgow | 4 | Southampton |
| 5 | Liverpool | 5 | Edinburgh |

Is Algebraic Graph Knowledge Feasible?

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!**
- Greater impact comes from: **hilight text!**
- Even greater impact comes from: **hilight text !**

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

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

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

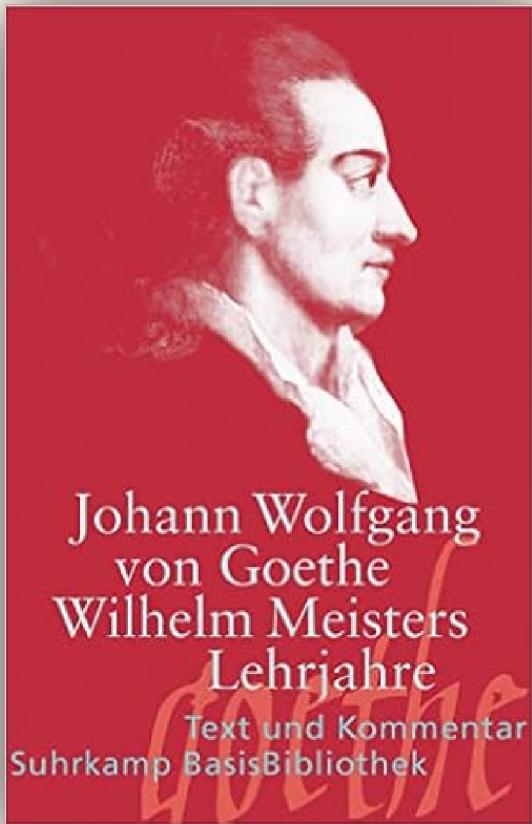
$$\nabla \times \mathbf{E} = - \frac{\partial \mathbf{B}}{\partial t}$$

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

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

Formulae: Exemples of use of LaTeX formulas.

Images in Two Columns



Images in Two Columns

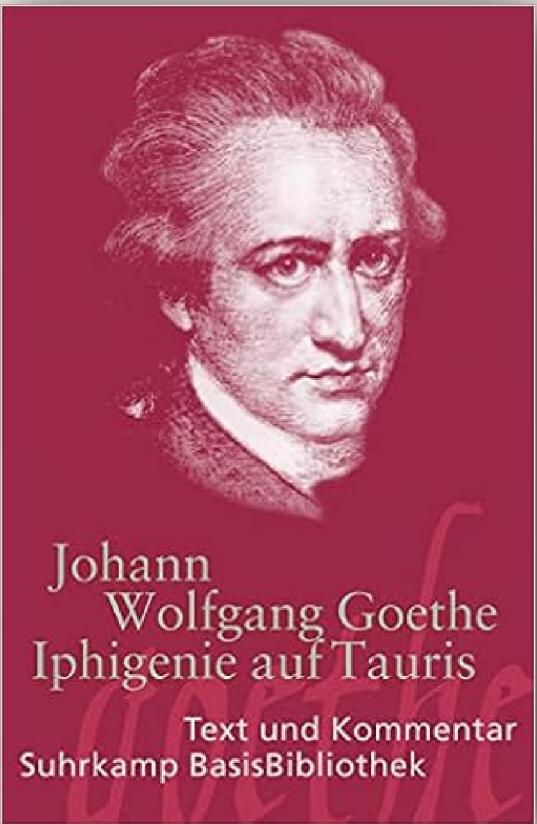


Figure 1: Göthe, Suhrkamp (2011).

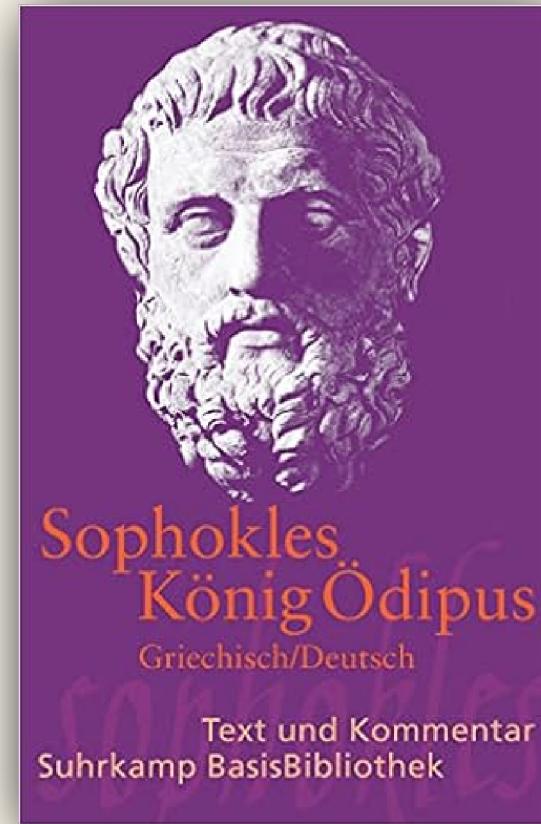
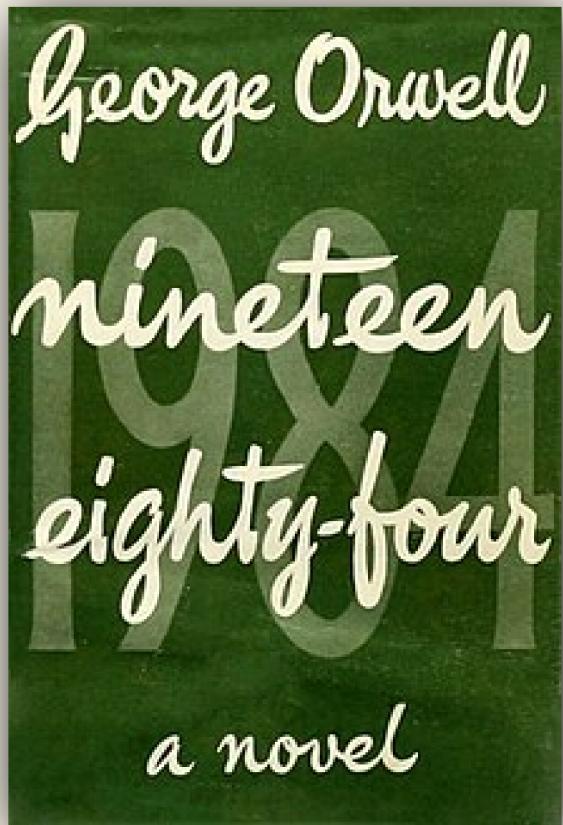


Figure 2: Sophokles, Suhrkamp (2015).

Image and text



1984: 75th Anniversary

Written 75 years ago, 1984 was George Orwell's chilling prophecy about the future. And while 1984 has come and gone, his dystopian vision of a government that will do anything to control the narrative is timelier than ever...

Price at Amazon: \$ 17.25 (Hardcover)

Figure: Secker and Warburg edition (1949).

Image and text

Kant, Leibniz & Newton

Philosophy and the sciences were closely linked in the age of Leibniz, Newton, and Kant.

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.

Price at Amazon: 128,39 €

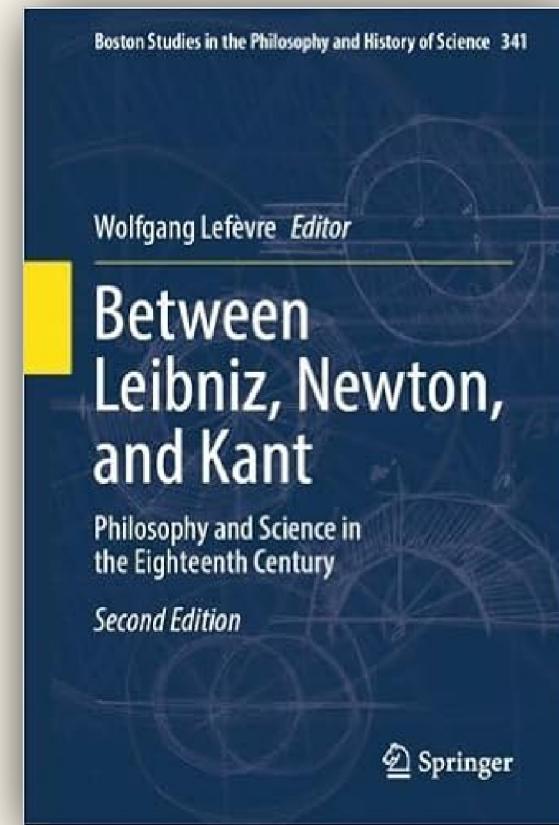
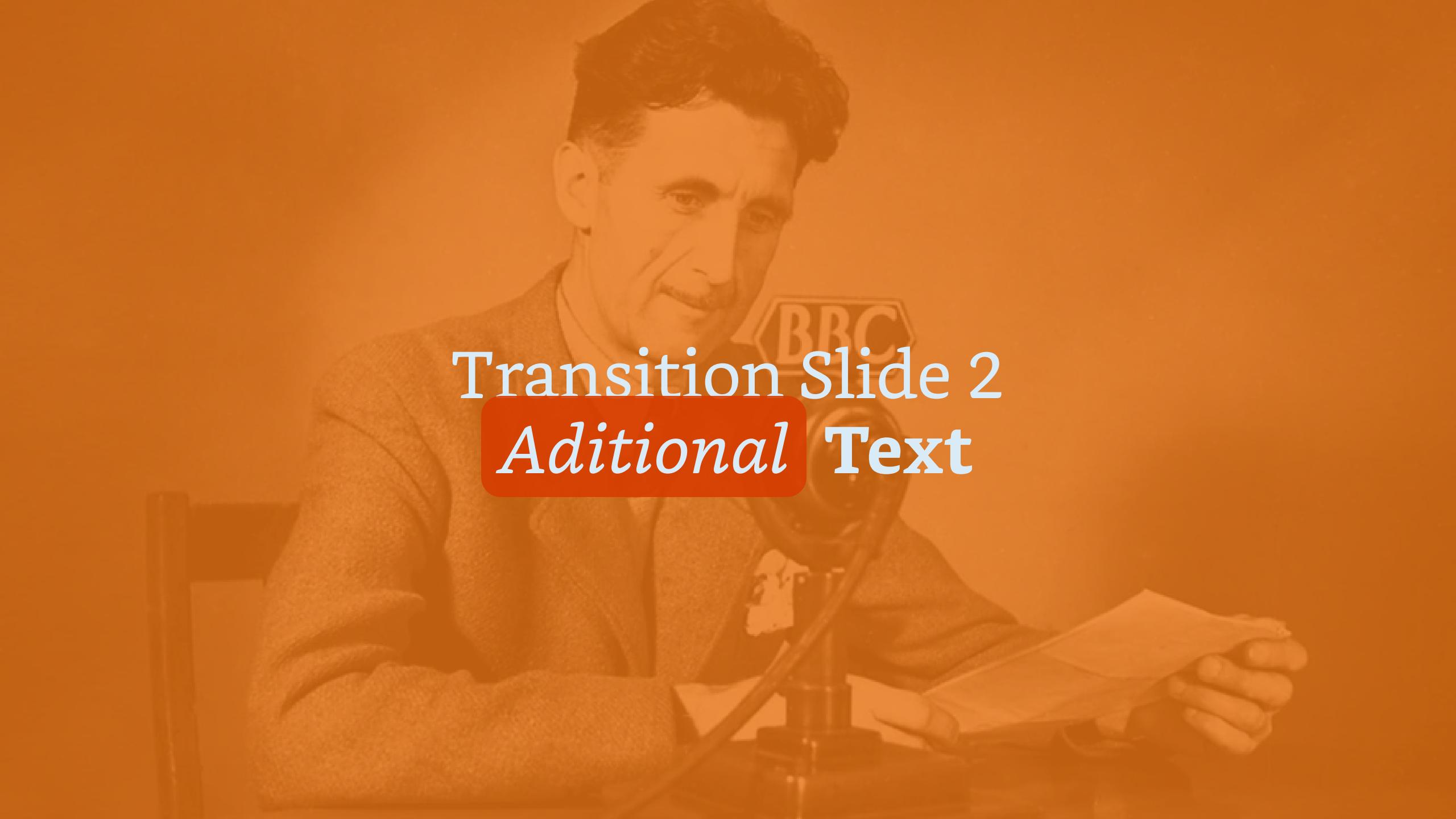


Figure: Springer edition (2023).

"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."

A black and white photograph of a man with dark hair and a beard, wearing a grey crew-neck sweater. He is seated, playing a violin with a bow. In the background, a BBC television studio logo is visible on a screen or backdrop.

Transition Slide 1
Additional Text

A black and white photograph of a man with dark hair and a mustache, wearing a light-colored cardigan over a collared shirt. He is seated at a desk, looking slightly to his left with a thoughtful expression. A BBC logo is visible on a plaque behind him. In front of him, he holds an open book with both hands, resting it on the desk.

Transition Slide 2
Additional Text



Never forget...

Big Brother is always
watching you!



THANK YOU!

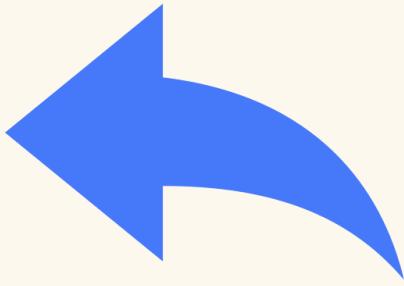


References

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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.

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3. KANT, Immanuel. **Kritik der Praktischen Vernunft**. Berlin: Akademie Verlag, 2002. (Klassiker Auslegen).v. 26
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Return to the begining