



# Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science)

*Mark van Atten*

Download now

[Click here](#) if your download doesn't start automatically

# Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science)

*Mark van Atten*

**Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science)** Mark van Atten

This volume tackles Gödel's two-stage project of first using Husserl's transcendental phenomenology to reconstruct and develop Leibniz' monadology, and then founding classical mathematics on the metaphysics thus obtained. The author analyses the historical and systematic aspects of that project, and then evaluates it, with an emphasis on the second stage.

The book is organised around Gödel's use of Leibniz, Husserl and Brouwer. Far from considering past philosophers irrelevant to actual systematic concerns, Gödel embraced the use of historical authors to frame his own philosophical perspective. The philosophies of Leibniz and Husserl define his project, while Brouwer's intuitionism is its principal foil: the close affinities between phenomenology and intuitionism set the bar for Gödel's attempt to go far beyond intuitionism.

The four central essays are 'Monads and sets', 'On the philosophical development of Kurt Gödel', 'Gödel and intuitionism', and 'Construction and constitution in mathematics'. The first analyses and criticises Gödel's attempt to justify, by an argument from analogy with the monadology, the reflection principle in set theory. It also provides further support for Gödel's idea that the monadology needs to be reconstructed phenomenologically, by showing that the unsupplemented monadology is not able to found mathematics directly. The second studies Gödel's reading of Husserl, its relation to Leibniz' monadology, and its influence on his publishe

d writings. The third discusses how on various occasions Brouwer's intuitionism actually inspired Gödel's work, in particular the Dialectica Interpretation. The fourth addresses the question whether classical mathematics admits of the phenomenological foundation that Gödel envisaged, and concludes that it does not.

The remaining essays provide further context. The essays collected here were written and published over the last decade. Notes have been added to record further thoughts, changes of mind, connections between the essays, and updates of references.

 [Download Essays on Gödel's Reception of Leibniz, Husserl, ...pdf](#)

 [Read Online Essays on Gödel's Reception of Leibniz, Husserl ...pdf](#)



## **Download and Read Free Online Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) Mark van Atten**

---

### **From reader reviews:**

#### **Nyla Gomez:**

This Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) are usually reliable for you who want to be described as a successful person, why. The reason why of this Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) can be one of several great books you must have is usually giving you more than just simple looking at food but feed an individual with information that possibly will shock your preceding knowledge. This book is usually handy, you can bring it everywhere you go and whenever your conditions at e-book and printed versions. Beside that this Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) giving you an enormous of experience including rich vocabulary, giving you test of critical thinking that we know it useful in your day activity. So , let's have it and revel in reading.

#### **Gregory Jager:**

The book with title Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) has lot of information that you can understand it. You can get a lot of advantage after read this book. This kind of book exist new understanding the information that exist in this e-book represented the condition of the world right now. That is important to yo7u to be aware of how the improvement of the world. This kind of book will bring you with new era of the the positive effect. You can read the e-book with your smart phone, so you can read it anywhere you want.

#### **Michael Hale:**

People live in this new morning of lifestyle always try to and must have the free time or they will get lots of stress from both way of life and work. So , when we ask do people have free time, we will say absolutely yes. People is human not really a robot. Then we ask again, what kind of activity do you have when the spare time coming to you of course your answer will unlimited right. Then do you try this one, reading textbooks. It can be your alternative within spending your spare time, the book you have read is actually Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science).

#### **Marge Lee:**

You may spend your free time to see this book this reserve. This Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) is simple to develop you can read it in the area, in the beach, train along with soon. If you did not have got much space to bring the actual printed book, you can buy the actual e-book. It is make you easier to read it. You can save the actual book in your smart phone. Thus there are a lot of benefits that you will get when you buy this book.

**Download and Read Online Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) Mark van Atten #IPUZK4SX9J7**

## **Read Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) by Mark van Atten for online ebook**

Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) by Mark van Atten Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) by Mark van Atten books to read online.

### **Online Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) by Mark van Atten ebook PDF download**

**Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) by Mark van Atten Doc**

**Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) by Mark van Atten Mobipocket**

**Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer (Logic, Epistemology, and the Unity of Science) by Mark van Atten EPub**