

# Brouwer meets Husserl - on the phenomenology of choice sequences

Springer - By Way of Husserl: A Phenomenology of Duchampian Art

Description: -

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Miller, Henry, 1891-1980.

United States -- History.

Midrash rabbah. -- Indexes

Intuitionistic mathematics

Sequences (Mathematics)

Phenomenology

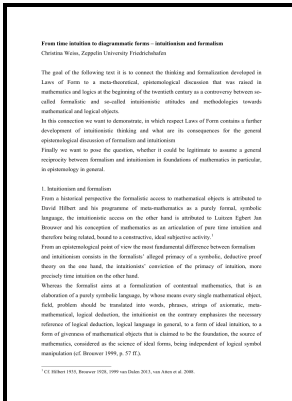
Husserl, Edmund, -- 1859-1938

Brouwer, L. E. J. -- 1881-1966 Brouwer meets Husserl - on the phenomenology of choice sequences

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Synthese library -- v. 335 Brouwer meets Husserl - on the phenomenology of choice sequences

Notes: Includes bibliographical references (p. 169-180) and indexes.

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**Essays on Gödel's Reception of Leibniz, Husserl, and Brouwer // Reviews // Notre Dame Philosophical Reviews // University of Notre Dame**

We start to see models of physical space when we get to mathematical-physical space. The task of reinterpreting all logical constants remained open. It does not at all say that choice sequences can have no identity criterion whatsoever.

## Workshop

These examples seem to indicate that in the shift from classical to intuitionistic mathematics one loses several fundamental theorems of analysis. In intuitionism truth and falsity have a temporal aspect; an established fact will remain so, but a statement that becomes proven at a certain point in time lacks a truth-value before that point. The main reason for this hypothesis is the fact that Heyting defines negation in terms of the disappointment of an intention.

## Arend Heyting and Phenomenology: Is the Meeting Feasible?

In 1934 Arend Heyting, who had been a student of Brouwer, introduced a form of what became later known as the Brouwer-Heyting-Kolmogorov-interpretation, which captures the meaning of the logical symbols in intuitionism, and in constructivism in general as well. Only mathematical objects are carefully examined in his intuitionist writings, where he collected the doubts raised by some authors and presented a scale of evidence for intuitionistic notions, mirroring the disagreement among intuitionists on the question of which Brouwerian notions are evident.

## Construction and Constitution in Mathematics

Vom Phänomenalismus Ernst Machs zur lebensweltlichen Relevanz, in: A. Several philosophers and mathematicians have tried to develop the theory of the Creating Subject further mathematically as well as philosophically.

## Markus van Atten, Brouwer Meets Husserl: On the Phenomenology of Choice Sequences

Chicago: University of Chicago Press, 1984-88.

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