

Review of
JAAKKO HINTIKKA (ED.), *FROM DEDEKIND TO
GÖDEL. ESSAYS ON THE DEVELOPMENT OF
THE FOUNDATIONS OF MATHEMATICS*

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The title of the book is modeled on van Heijenoort's *From Frege to Gödel*, suggesting that the works of Dedekind and other mathematicians also lead to the logician Gödel. Moreover, the content of the book as well as its preface hint that the works of Husserl and other philosophers lead to Gödel too. These remarks amount to saying that Gödel's work in mathematical logic not only originates from the development of mathematical logic but also from the development of mathematics and the mathematically-oriented philosophical discussions concerning concepts and proofs.

The volume gathers 16 lectures which were given at Boston University as a part of the 1991-92 program of the *Boston Colloquium in the Philosophy of Science*. They all deal with mathematicians, logicians and philosophers such as Weierstrass, Dedekind, Kronecker, Hilbert, Borel, Hermann Weyl, Husserl, Wittgenstein, *etc.*, whose works are significant of the history of the foundations of mathematics from 1850 to 1930 and differ more or less sharply from Frege's and Russell's logicism. The editor of the volume, Jaakko Hintikka, gives three reasons for collecting papers on individuals defending opinions of such a variety.

- (1) As well as Frege and Russell, these mathematicians and philosophers also constitute a part of the background which gave rise to such great logicians as Gödel and Tarski.
- (2) They have expressed viewpoints on the foundations of mathematics that have not yet received the philosophical attention they deserve. Moreover, Frege's and Russell's contributions to foundational studies were not of the same order of magnitude as their contribution to the development of logic.