



Essays on the Theory of Numbers: I. Continuity and Irrational Numbers. II. the Nature and Meaning of Numbers (Paperback)

By Richard Dedekind

Createspace Independent Publishing Platform, United States, 2016. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. The mathematical reading public unacquainted with German is under considerable obligation to Professor Beman for the present faithful rendering of these two celebrated essays of Dedekind. Modern logical views of continuity and arithmetic are largely based on the results which Dedekind and his contemporary, G. Cantor, furnished (the first of their essays was published in 1872), and it is good that these investigations should be made accessible to all readers in their original form. Furthermore, the German of these essays is not the easiest imaginable reading, and the interpretation of the forms of expression which Professor Beman has given and which has involved considerable study, will also be welcome to readers of German who are in the habit of purchasing but not perusing German books. In science, remarks Dedekind, nothing capable of proof ought to be accepted without proof. But in laying the foundations of the simplest of the sciences, viz., that part of logic which deals with the theory of numbers, this postulate has not been complied with. In saying that arithmetic (algebra and analysis) is a branch...



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