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Type: Manuscript

Author: Peirce, Charles Sanders

Title: Lowell Lectures. 1903. Lecture 3. 1st draught

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Year: 1903

Abstract / Robin Catalogue:

Description: Science, mathematics, and quantity. Pure mathematics (the science of hypotheses) is divided in accordance with the complexity of its hypotheses. Simplest mathematics is the system of existential graphs. Doctrine of multitude: Cantor's work on collections. Understanding requires some reference to the future to an endless series of possibilities. Achilles and the Tortoise Paradox.

Keywords: Mathematics, Science, Philosophy, Benjamin Peirce, Richard Dedekind, Simplest Mathematics, Mathematics of Existential Graphs, False Graph, True Graph, Mathematics of Logic, Three-valued Mathematics, Theory of Numbers, Higher Arithmetic, Multitude, Maniness, Georg Cantor, Bernard Bolzano, Euclid, Infinity, Whole, Collection, Definition, Dyad, Duette, Ordered Pair, Ens Rationis, Nothing, Possible, Identity, Augustus De Morgan, Syllogism of Transposed Quantity, Existence, Experience, Knowledge, Possibility, Idea, Achilles and the Tortoise, Convenient Fiction

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