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**Type:** Manuscript  
**Author:** Peirce, Charles Sanders  
**Title:** Lowell Lectures. 1903. Lecture 3  
**Manuscript Id:** MS [R] 459  
**Year:** 1903

**Abstract / Robin Catalogue:**

**Description:** A. MS., notebook, n.p., 1903, pp. 1-41.

The words “Won’t do” (by CSP) appear on the cover of the notebook. Definition of “mathematics.” Denial that mathematics is reducible to logic. Alternative positions considered. Existential graphs; qualities; collection; multitude (Whitehead and Russell); substantive possibility.

**Keywords:** Mathematics, Benjamin Peirce, Science, Natural Classification of Sciences, Mathematical Hypothesis, Applied Mathematics, Pure Mathematics, Boëthius, Philosophy, Quantity, Richard Dedekind, Logic, Mathematical Reasoning, Necessary Reasoning, Existential Graph, Simplest Mathematics, Number, Georg Cantor, Cardinal Number, Ordinal Number, Multitude, Maniness, Posteriority, Ernst Schröder, Bertrand Russell, Alfred North Whitehead, Inclusion of Correlates, Substantive Possibility, Quality, Epistemology, Metaphysics, Psychology, Identity, Relation, Existence, Phenomenology, Phenomenon, Ens Rationis, Essence, Nothing, Nonsense

**Language:** English