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**Type:** Manuscript  
**Author:** Peirce, Charles Sanders  
**Title:** Lecture 5,. Vol. 2  
**Manuscript Id:** MS [R] 470  
**Year:** 1903

**Abstract / Robin Catalogue:**

**Description:** A. MS., notebook, n.p., 1903, pp. 76-158.

At the beginning CSP offers the following plan for his lecture series: "1. What makes a reasoning sound, 2. Existential Graphs, Alpha and Beta, 3. General Explanations, Phenomenology and Speculative Grammar, 4. Existential graphs, Gamma Part, 5. Multitude, 6. Chance, 7. Induction, 8. Abduction." Collection and multitude; syllogism of transposed quantity; Fermatian reasoning; first and second ultranumerable multitude; continuity (pp. 78-122). Gamma graphs (pp. 124-138). The beginning of a lecture occasioned by the death of Herbert Spencer. Mentioning his personal encounters with Spencer, CSP writes on Spencer's evolutionism and his influence on philosophy generally (pp. 140- 158)

**Keywords:** Collection, Augustus De Morgan, Syllogism of Transposed Quantity, Enumerable Collection, Denumeral Collection, Pierre de Fermat, First Ultranumerable Multitude, Second Ultranumerable Multitude, Continuity, Gamma Graph, Mathematics, Pure Mathematics, Herbert Spencer, Philosophy, Evolutionism

**Language:** English