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**Type:** Manuscript

**Author:** Peirce, Charles Sanders

**Title:** Harvard Lectures on the Logic of Science. Lecture VIII: Forms of Induction and Hypothesis

**Manuscript Id:** MS [W] 105; MS [R] 346, 758

**Id:**

**Year:** 1865

**Abstract / From the Robin Catalogue:**

**Description:** 346. Lecture VIII. Forms of Induction and Hypothesis (Forms)

A. MS., n.p., [1864-65], pp. 1-14 (double pages).

The attempts to define "logic" suffer from an admixture of logic, anthropology, and psychology. Analysis of the triad of thing, representation, and form. The three kinds of representations: signs, copies, symbols. Conditions to which symbols are subject. The relationship between the syllogism and scientific inference. The proper form of induction. Induction and hypothesis distinguished. Induction increases the extension of subject; hypothesis increases the comprehension of predicate. Moreover, induction discovers a law which is a prohibition; hypothesis discovers a law which is an imposition.

758. (Aristotle 9, Aristotle 10)

A. MS., n.p., n.d., 4 pp., incomplete.

A lecture on inference, with all elementary inferences divided into three classes. Is the division into three classes natural?

759. (B)

A. MS., n.p., n.d., pp. 1-3.

On the modes of necessary inference.

Published as W 1:256-271 (a MS number by Writings: 105)

**Language:** English