

'Hypothesis [as a form of reasoning]' (pub. 02.02.13-19:18). Quote in M. Bergman & S. Paavola (Eds.), *The Commens Dictionary: Peirce's Terms in His Own Words. New Edition*. Retrieved from <http://www.commens.org/dictionary/entry/quote-lowell-lectures-logic-science-or-induction-and-hypothesis-lecture-v>.

Term: Hypothesis [as a form of reasoning]

Quote: These differences between these two scientific inferences are so great that it seems to me essential to a right understanding of the subject that we should recognize two kinds of scientific reasoning. Induction and Hypothesis. [—] Hypothesis alone affords us any knowledge of causes and forces, and enables us to see the *why* of things. [—] So that we have

Deduction

Induction

and Hypothesis

as three coördinate classes of reasoning.

Source: Peirce, C. S. (1866). *Lowell Lectures on The Logic of Science; or Induction and Hypothesis: Lecture V*. MS [R] 343.

References: W 1:428

Date of 1866

Quote:

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