

'Induction' (pub. 30.01.13-19:12). 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-deduction-induction-and-hypothesis-1>.

Term: Induction

Quote: Induction infers a rule. Now, the belief of a rule is a habit. That a habit is a rule active in us, is evident. That every belief is of the nature of a habit, in so far as it is of a general character, has been shown in the earlier papers of this series. Induction, therefore, is the logical formula which expresses the physiological process of formation of a habit. [—] We may say, therefore, that hypothesis produces the *sensuous* element of thought, and induction the *habitual* element.

Source: Peirce, C. S. (1878). Deduction, Induction, and Hypothesis. *Popular Science Monthly*, 13, 470-482.

References: CP 2.643; W 3:337

Date of 1878

Quote:

URL: <http://www.commens.org/dictionary/entry/quote-deduction-induction-and-hypothesis-1>