

'Retroduction' (pub. 26.08.15-23:23). 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-logic-fragments-r>.

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**Term:** Retroduction

**Quote:** There are three stages of inquiry, demanding as many different kinds of reasoning governed by different principles. They are,

1, *Retroduction*, forming an explanatory hypothesis[;]

2, *Deduction*, tracing out the consequences that would ensue upon the truth or falsity of that hypothesis; and

3, *Induction*, the experimental testing of the hypothesis by inquiring whether its consequences are born out by fact, or not.

Retroduction

The recommendations of an explanatory hypothesis are  
1<sup>st</sup>, verifiability; 2<sup>nd</sup>, simplicity; 3<sup>rd</sup>, economy.

**Source:** Peirce, C. S. (nd). *Logic: Fragments [R]*. MS [R] S64.

**References:** MS [R] S64

**Date of** nd

**Quote:**

**URL:** <http://www.commens.org/dictionary/entry/quote-logic-fragments-r>