

'Analogy' (pub. 05.01.13-09:28). 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-lessons-history-science-0>.

Term: Analogy

Quote: There are in science three fundamentally different kinds of reasoning, Deduction (called by Aristotle {synagögé} or {anagögé}), Induction (Aristotle's and Plato's {epagögé}) and Retroduction (Aristotle's {apagögé}, but misunderstood because of corrupt text, and as misunderstood usually translated *abduction*). Besides these three, Analogy (Aristotle's {paradeigma}) combines the characters of Induction and Retroduction.

Analogy is the inference that a not very large collection of objects which agree in various respects may very likely agree in another respect. For instance, the earth and Mars agree in so many respects that it seems not unlikely they may agree in being inhabited.

Source: Peirce, C. S. (1896 [c.]). *Lessons of the History of Science*. MS [R] 1288.

References: CP 1.65-69

Date of 1896 [c.]

Quote:

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