

'Continuum' (pub. 30.03.15-18:04). 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-sketch-logical-critic>.

Term: Continuum

Quote: Personally, I agree entirely with James, against Dedekind's view; and hold that there would be no actually existent points in an existent continuum, and that if a point were placed in a continuum it would constitute a breach of the continuity. Of course, there is a possible, or potential, point-place wherever a point might be placed; but that which only *may be* is necessarily thereby *indefinite*, and as such, and in so far, and in those respects, as it is such, it is not subject to the principle of contradiction, just as the negation of a may-be, which is of course a *must-be*, (I mean that if "*S may be P*" is untrue, then "*S must be non-P*" is true), in those respects in which it is such, is not subject to the principle of excluded middle.

Source: Peirce, C. S. (1911 [c.]). *A Sketch of Logical Critic*. MS [R] 673.

References: CP 6.182

Date of 1911 [c.]

Quote:

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