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Semantic theories of information

ABSTRACT. This paper presents a review of semantic theories of information. The conceptions of information that are dealt with here represent two paradigms. The first paradigm explains the notion of information as a range of options, while the second paradigm treats information as correlation. The paper presents an outline of the mathematical theory of information, Carnap and Bar-Hillel's theory of semantic information and a concept of semantic information that is based on situation theory.

KEY WORDS: information, semantic information, situation theory, logic

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