Abstract

Hempel and Oppenheim derived their accounts on explanation first in 1948. Later themselves and also a number of other philosophers developed extensions on the issue. These extensions were mostly related with the statistical types of explanation. However, the account itself and even the extensions on it are still incapable of generating explanations on various phenomena. The explanation of the theory of evolution is one of them. Explaining the explanation of the theory of evolution requires discovering its primitives. This is possible by a reduction of its core platform to a Boltzmann machine and revising the capacity notion of Cartwright’s by introducing the stability phenomenon. This paper in this conjecture is a discussion of this claim and an account of a framework for scientific explanation based on the theory of evolution itself resulting from this reduction.

Key words: Evolution, Scientific Explanation, Capacities, Boltzmann Machines, Causality, Hempel
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