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Scientific Representations and the Dynamics of Descriptive Imaginary

Abstract: One of the most interesting philosophical aspects regarding the scientific discourse refers to the understanding of the relation between scientific theories and the characteristics of nature they describe. A closer look at the structural features of the scientific discourse could reveal the complex image of a continuously evolving science that is trying to reveal the most significant characteristics of reality, describing them by the use of scientific representations. Our intention is to observe the complex mixture between the qualitative and quantitative aspects of scientific concepts and the very refined dynamics of scientific representations, a process we are going to analyze using the concept of “descriptive imaginary”.

Key words: scientific representation, descriptive imaginary, scientific discourse.