

Intrinsic Explanation and Field's Dispensabilist Strategy

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Abstract

Philosophy of mathematics for the last half-century has been dominated in one way or another by Quine's indispensability argument. The argument alleges that our best scientific theory quantifies over, and thus commits us to, mathematical objects. In this paper, I present new considerations which undermine the most serious challenge to Quine's argument, Hartry Field's reformulation of Newtonian Gravitational Theory.

Field

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