

How Bohm' s Theory Solves the Measurement Problem

Lewis, Peter J. (2007) How Bohm' s Theory Solves the Measurement Problem.

Full text available as:

[Microsoft Word](#) - Requires a viewer, such as [Microsoft Word Viewer](#)

Abstract

I examine recent arguments based on functionalism that claim to show that Bohm' s theory fails solve the measurement problem, or if it does so, it is only because it reduces to a form of the many-worlds theory. While these arguments reveal some interesting features of Bohm' s theory, I contend that they do not undermine the distinctive Bohmian solution to the measurement problem.

Keywords: Bohm, Everett, hidden variables, many worlds, functionalism

Subjects: [Specific Sciences: Physics: Quantum Mechanics](#)

ID Code: 3145

Deposited By: [Lewis, Peter J.](#)

Deposited On: 22 January 2007