

# THE PHYSICS, PRINCIPLES AND PSYCHOLOGY OF SYSTEM DESIGN

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## ABSTRACT

Best known as the godfather of Quantum Mechanics, David Bohm's work in the latter part of his life dealt with the physics of systems that include people. This paper will review David Bohm's work on dialogue and the physics of systems. Proposed will be a methodology for system design that includes people, called Collective System Design, that integrates the use of axiomatic design theory and the physics of systems to suggest the principles and methodology that implements new systems (i.e., lean and six sigma) effectively in simple and complex organizations alike.