

Abstract Submitted
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Theories of Causality ROBERT JONES — There are a wide range of views on causality. To some (e.g. Karl Popper) causality is superfluous. Bertrand Russell said “In advanced science the word cause never occurs. Causality is a relic of a bygone age.” At the other extreme Rafael Sorkin and L. Bombelli suggest that space and time do not exist but are only an approximation to a reality that is simply a discrete ordered set, a “causal set.” For them causality IS reality. Others, like Judea Pearl and Nancy Cartwright are seeking to build a complex fundamental theory of causality (Causality, Cambridge Univ. Press, 2000) Or perhaps a theory of causality is simply the theory of functions. This is more or less my take on causality.

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