

Abstract Submitted
for the APR11 Meeting of
The American Physical Society

Sorting Category: R.6 (E)

PHYSICS OF PREDETERMINED EVENTS: Complementarity States of Choice-Chance Mechanics MANUEL MORALES, Burlington County College — We find that the deterministic application of choice-chance mechanics, as applied in the Tempt Destiny experiment, is also reflected in the construct of the double-slit experiment and that the complementary results obtained by this treatment mirror that of Niels Bohr's principle of complementarity as well as reveal Einstein's hidden variables. Whereas the double-slit experiment serves to reveal the deterministic and indeterministic behavioral characteristics of our physical world, the Tempt Destiny experiment serves to reveal the deterministic and indeterministic behavioral characteristics of our actions. The unifying factor shared by both experiments is that they are of the same construct yielding similar results from the same energy. Given that, we seek to establish if the fundamental states of energy, i.e, certainty and probability, are indeed predetermined. Over the span of ten years, the Tempt Destiny experimental model of pairing choice and chance events has statistically obtained consistent results of absolute value. The evidence clearly infers that the fundamental mechanics of energy is a complement of two mutually exclusive mechanisms that bring into being – as opposed to revealing – the predetermined state of an event as either certain or probable, although not both simultaneously.

Prefer Oral Session
 Prefer Poster Session

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Date submitted: 09 Dec 2010

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