

Abstract Submitted
for the DPP15 Meeting of
The American Physical Society

Unified Statistics and Plausible Extension to Anisotropic Effect

FLORENTIN SMARANDACHE, Univ of New Mexico — Generalizing the classical probability and imprecise probability to the notion of “neutrosophic probability” in order to be able to model Heisenberg’s Uncertainty Principle of a particle’s behavior, Schrödinger’s Cat Theory, and the state of bosons which do not obey Pauli’s Exclusion Principle (in quantum physics). Neutrosophic probability is close related to neutrosophic logic and neutrosophic set.

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Date submitted: 24 May 2015

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