Neutrosophic Set as Generalization of Intuitioonistic Fuzzy Set, Picture Fuzzy Set and Spherical Fuzzy Set, and its Physical Applications
FLORENTIN SMARANDACHE, University of New Mexico — In this paper we prove that Neutrosophic Set is a generalization of the following: Intuitionistic Fuzzy Set, Picture Fuzzy Set (Inconsistent Intuitionistic Fuzzy Set), and Spherical Fuzzy Set. And we show several numerical examples. We also present some applications of Neutrosophic Set in physics.

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