Observables and Unobservables in a Non-Associative Quantum Theory

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February 15, 2007

Abstract

In the talk it will be shown that (1) in a non-associative quantum theory the non-associative operators are unobservables; (b)the observables quantity may be presented only by the elements of an associative subalgebra; (c) the elements of the associative subalgebra are extended objects which can be similar to strings; (d) the field equations can be written for a non-assocaitive quantum theory.