SEMINAR ZAVODA ZA TEORIJSKU FIZIKU

Entanglement in Algebraic Quantum Mechanics: Majorana fermions

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Abstract:

We will discuss quantum entanglement as an algebraic properties of non-commuting observables rather than of states. This is a most efficient way to deal with many-body entanglement where quantum correlations stem from partitions of the algebra of observables and properties of the associated correlation functions, rather than on particle tensor products. Majorana fermions will be used to illustrate the issue at stake.

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