

Titel: A Quantum Model for Activity Systems

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Summary:

A quantum theoretic model for activity systems with  $n$  agents is presented, which include classical cooperative games and their well-known generalizations to "multichoice games" and "fuzzy games" as very special cases. It is argued that also social and economic activity systems should (and can) be analyzed as physical systems. (Joint work with Michel Grabisch,)

The lecture does not assume the audience to have special training in quantum mechanics. Familiarity with complex numbers and linear algebra suffices.