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Acceptance of Dirac-Notation by high school students

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Quantum physics recently gains greatly in attention in school education. The central question is to which extent it can, cannot or even has to be taught with formal mathematical means. In the context of two-state-approaches the use of Dirac-notation seems an adequate possibility. Therefore we present an approach for high school using Dirac-Notation that was applied in an exploratory study analysing the acceptance of Dirac-notation by high school students. This study gives promising results if the some basic mathematics skills are properly addressed.

Primary author: POSPIECH, Gesche (TU Dresden)

Presenter: POSPIECH, Gesche (TU Dresden)

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