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Topological proof of discreetness and nondegeneracy of state number operator spectra

Monday 28 October 2024 18:50 (20 minutes)

This research is dedicated to the problem of strict topologically algebraic proof of discreetness and nondegeneracy of $N = a^\dagger a$ operator in the Hilbert space. It is crucial for building of eigen spaces of operator N whose direct sum forms the Hilbert space.

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