

# Shirokov's contracting lifetimes and the interpretation of velocity eigenstates for unstable quantons

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## Abstract

This paper is concerned with the interpretation of velocity eigenstates for unstable quantons, their relationship to space-like momentum eigenstates for such quantons and the explanation of Shirokov's contracting lifetimes for such velocity eigenstates. It is an elaboration of a portion of the authors earlier study.

**Keywords:** contracting lifetimes, velocity eigenstates, unstable quantons, hyperplane dependence

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