Baron, Karol
On the continuous dependence of solutions to orthogonal additivity problem on given functions. (English) Zbl 1369.39026

Summary: We show that the solution to the orthogonal additivity problem in real inner product spaces depends continuously on the given function and provides an application of this fact.

MSC:
39B55 Orthogonal additivity and other conditional functional equations
39B52 Functional equations for functions with more general domains and/or ranges

Keywords:
orthogonal additivity; inner product space; continuous dependence on the given function; topological group; Tychonoff topology; nowhere dense set

Full Text: DOI Link

References:

This reference list is based on information provided by the publisher or from digital mathematics libraries. Its items are heuristically matched to zbMATH identifiers and may contain data conversion errors. It attempts to reflect the references listed in the original paper as accurately as possible without claiming the completeness or perfect precision of the matching.