Abstract

The Hyers-Ulam-Rassias stability of the conditional quadratic functional equation of Pexider type is established where is a symmetric orthogonality in the sense of Rätz.

References

- S. Czerwik (ed.), Stability of Functional Equations of Ulam–Hyers–Rassias Type,
Hyers-Ulam-Rassias of Orthogonal Pexiderized Quadratic Functional Equation

- F. Vajzovic, Über das Funktional H mit der Eigenschaft: (x, y) = 0 ? H(x+y)+H(x?y) = 2H(x)+2H(y), Glasnik Mat. Ser. III 2 (22) (1967), 73-81.

Index Terms

Computer Science
Applied Mathematics
Keywords

Hyers-Ulam-Rassias stability  Orthogonal spaces  Pexiderized Quadratic functional equations.