

عنوان مقاله:

Approximate Orthogonally Higher Ring Derivations

محل انتشار:

مجله کنترل و بهینه سازی در ریاضیات کاربردی, دوره 7, شماره 1 (سال: 1401)

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خلاصه مقاله:

In this paper, we prove that every orthogonally higher ring derivation is a higher ring derivation. Also we find the general solution of the pexider orthogonally higher ring derivations\begin{align*}\left\{\begin{array}{lr} \$f_n(x+y)=g_n(x)+h_n(y), \right\angle \$=\circ,\f_n(xy) = \sum_{i+j=n} g_i(x)h_j(y).\end{array}\right. \$\$\left(align^*\right)\$ Then we prove that for any approximate pexider orthogonally higher ring derivation under some control functions \$\$ \operatorname{pexider} \circ \circ \operatorname{pexider} \circ \operatorname{pexide

کلمات کلیدی:

Approximation, Control function, Estimation, Higher derivation

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