Scopus

Document details

Back to results | 1 of 2 Next

Export Download Print E-mail Save to PDF Add to List More...

Malaysian Journal of Mathematical Sciences
Volume 12, Issue 3, September 2018, Pages 287-303

Classification of two-dimensional Jordan algebras over $\mathbb{R}$ (Article)

Ahmed, H.[a,b], Bekbaev, U.[c], Rakhimov, I.[d]

[a]Department of Mathematics, Faculty of Science, Universiti Putra Malaysia, Malaysia
[b]Department of Mathematics, Faculty of Science, Taiz University, Yemen
[c]Department of Science in Engineering, Faculty of Engineering, IIUM, Malaysia

View additional affiliations

Abstract

View references (12)

In the paper we describe all (not necessarily commutative) Jordan algebra structures on a two-dimensional vector space over R in terms of their matrices of structure constants. © 2018 Malaysian Journal of Mathematical Sciences.

SciVal Topic Prominence

Topic: Positivity | Matrix | Positive semidefinite matrix

Prominence percentile: 33.352

Author keywords

Basis | Jordan algebra | Matrix of structure constants

ISSN: 18238343
Source Type: Journal
Original language: English

Document Type: Article
Publisher: Universiti Putra Malaysia

References (12)

View in search results format

All Export Print E-mail Save to PDF Create bibliography

1 Ahmed, H., Bekbaev, U., Rakhimov, I.
Classification of two-dimensional Jordan algebras

(2017) *AIP Conference Proceedings*, 1905, art. no. 030003. Cited 2 times.
http://scitation.aip.org/content/aip/proceeding/aipcp
ISBN: 978-073541595-9
doi: 10.1063/1.5012149

View at Publisher

Metrics

0 Citations in Scopus

0 Field-Weighted Citation Impact

PlumX Metrics

Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

Cited by 0 documents

Inform me when this document is cited in Scopus:

Set citation alert

Set citation feed

Related documents

On Two-Dimensional Power Associative Algebras Over Algebraically Closed Fields and R
Ahmed, H. , Bekbaev, U. , Rakhimov, I.
(2019) Lobachevskii Journal of Mathematics

Invariant theory for non-associative real two-dimensional algebras and its applications
Doković, D. , Zhao, K.
(2004) Transformation Groups

Complex structures in real algebras. I. Two-dimensional commutative case
Balanov, Z. , Krasnov, Y.
(2003) Communications in Algebra

View all related documents based on references

Find more related documents in Scopus based on:

Authors Keywords