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On matrix representations of geometric (Clifford) algebras. (English) Zbl 1377.15011
J. Geom. Symmetry Phys. 43, 1-36 (2017).

The author deals with the theory of representations of geometric (Clifford) algebras with real square matrices. In Sections 2–5, the author reviews some fundamental and concrete facts about matrix representations. In the remaining part of the paper, the author present general definitions of isometries (like direct isometries and indirect isometries) and examines a number of related and important properties.

Reviewer: [Jaydeb Sarkar \(Bangalore\)](#)

MSC:

[15A66](#) Clifford algebras, spinors

[16G30](#) Representations of orders, lattices, algebras over commutative rings

Keywords:

[Clifford algebra](#); [geometric algebra](#); [isometries](#); [matrix representation](#)

Full Text: [DOI](#)