

Bales, John W.

A tree for computing the Cayley-Dickson twist. (English) Zbl 1187.17002
Missouri J. Math. Sci. 21, No. 2, 83-93 (2009).

Summary: A universal twist γ for all finite-dimensional Cayley-Dickson algebras is defined recursively and a tree diagram ‘computer’ is presented for determining the value of $\gamma(p, q)$ for any two non-negative integers p and q .

MSC:

17A99 General nonassociative rings

Cited in **4** Documents

Keywords:

Cayley-Dickson algebras; nested sequence of algebras; universal Cayley-Dickson twist