

Ovchinnikov, Sergei

Max-min representation of piecewise linear functions. (English) Zbl 0996.26007
Beitr. Algebra Geom. 43, No. 1, 297-302 (2002).

Summary: It is shown that a piecewise linear function on a convex domain in \mathbb{R}^d can be represented as a Boolean polynomial in terms of its linear components.

MSC:

26B40 Representation and superposition of functions

Cited in **27** Documents

Keywords:

piecewise linear functions on convex domains in Euclidean n -space; min-max representation; polyhedral complexes

Full Text: [arXiv](#) [EuDML](#) [EMIS](#)