

[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 **23** Documents

Keywords:

[piecewise linear functions on convex domains in Euclidean \$n\$ -space](#); [min-max representation](#); [polyhedral complexes](#)

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