

Strongly η -representable degrees and limitwise monotonic functions

Zubkov M.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

It is proved that each strongly η -representable degree contains a set that is a range of values for some $0'$ -limitwise monotonic function pseudoincreasing on \mathbb{Q} . Thus we obtain a description of strongly η -representable degrees in terms of $0'$ -limitwise monotonic functions. © 2011 Springer Science+Business Media, Inc.

<http://dx.doi.org/10.1007/s10469-011-9146-5>

Keywords

η -representable degree, $0'$ -limitwise monotonic function