

A semilattice generated by superlow computably enumerable degrees

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Abstract

We prove that a partially ordered set of all computably enumerable (c. e.) degrees that are the least upper bounds of two superlow c. e. degrees is an upper semilattice not elementary equivalent to the semilattice of all c. e. degrees. © Allerton Press, Inc., 2011.

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Keywords

Critical triples, Low degrees, Superlow degrees, Totally c. e. degrees