Issakhov, A. A.  
Ideals without minimal elements in Rogers semilattices.  (English. Russian original)  

Summary: We prove a criterion for the existence of a minimal numbering, which is reducible to a given numbering of an arbitrary set. The criterion is used to show that, for any infinite $A$-computable family $F$ of total functions, where $\emptyset' \leq_T A$, the Rogers semilattice $\mathcal{R}_A(F)$ of $A$-computable numberings for $F$ contains an ideal without minimal elements.

MSC:  
03D45 Theory of numerations, effectively presented structures  
Cited in 3 Documents

Keywords: 
minimal numbering; $A$-computable numbering; Rogers semilattice; ideal

Full Text: DOI

References:


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