▶ SERGEY OSPICHEV, *Some properties of computable numberings in various classes in difference hierarchy.*
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In this work are considered computable numberings [4] of families from various classes Σ^{-1}_{α} in difference hierarchy [2], where α is computable ordinal number.

It is shown that there are no computable numbering of the family of all sets from class Δ^{-1}_{α}, where α is computable ordinal number.

Definition. Numbering $\{\nu_n\}_{n\in\omega}$ is called ω-computable, if a set $\{< m, n > | m \in \nu_n\}$ is in class Δ^{-1}_{ω}.

In work is annonced **Theorem**.There is a ω-computable minimal numberings of the family of all sets from class $\bigcup\limits_{n\in\omega} \Sigma^{-1}_n$ in difference hierarchy.

In work [3] were proved that for all finite classes in difference hierarchy Σ^{-1}_n there is minimal Friedberg numbering of the family of all sets from Σ^{-1}_n.

[1] M.M. Arslanov, ***Ershov's hierarchy.***, Kazan, KSU, 2007.(in Russian)

[2] Yu.L. Ershov, ***Theory of numberings, III***, Novosibirsk, NSU, 1972.

[3] S.S. Goncharov, S. Lempp, D.R. Solomon., *Friedberg numberings of families of n-computability enumerable sets*, ***Algebra and Logic***, vol. 41, no. 2, 2002, pp. 81–86.

[4] S.S. Goncharov, A. Sorbi, *Generalized computable numerations and nontrivial Rogers semilattices* , ***Algebra and Logic***, vol. 36, no. 6, 1997, pp. 359–369.