ON THE LOCALLY FINITE RADICAL OF THE GROUP
OF LIMITED PERMUTATIONS

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We describe the locally finite radical R of the group $G = \mathrm{Lim}(N)$ of limited permutations on the set of natural numbers $\mathbb{N}$. The connection between completely dispersed subsets of $\mathbb{N}$ and elements of R is found.

Keywords: group, limited permutation, completely dispersed set, locally finite radical.

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