

The work is intended to combinatorial properties of filters on natural numbers as an introduction and motivation to the problematics between definability of the filters and its combinatorics. Basic filter types: P-filter, Q-filter, Rapid filter; orders: Rudin-Kiesler, Rudin-Blass, Katětov and Tukey; filter constructions; basic definitions related to combinatorics on ω ; introduction to basic descriptive set theory and topology and some specific results.