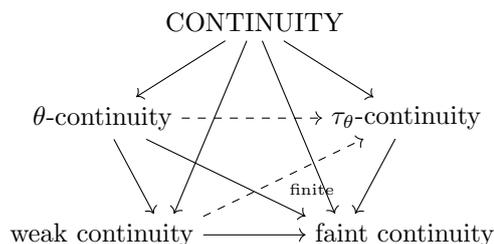


# ON WEAKER TYPES OF CONTINUITY WITH A LITTLE HELP OF IDEALS

ALEKSANDAR PAVLOVIĆ AND ANIKA NJAMCUL

We investigate relations of weaker types of continuity, namely,  $\theta$ -continuity, weak continuity, faint continuity and continuity in topology of  $\theta$ -open sets ( $\tau_\theta$ -continuity). We completed the diagram between those types.



The results are consequences of theorems in ideal topological spaces for the simplest ideal  $\mathcal{I} = \{\emptyset\}$ . We proved that if a function is weakly continuous and one of the topologies is finite, then it is  $\tau_\theta$ -continuous. Also, we constructed a  $\tau_\theta$ -continuous function which is not weakly continuous.

UNIVERSITY OF NOVI SAD, FACULTY OF SCIENCES, DEPARTMENT OF MATHEMATICS AND INFORMATICS, SERBIA  
*Email address:* `apavlovic@dmi.uns.ac.rs`

UNIVERSITY OF NOVI SAD, FACULTY OF SCIENCES, DEPARTMENT OF MATHEMATICS AND INFORMATICS, SERBIA  
*Email address:* `anika.njamcul@dmi.uns.ac.rs`

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This talk is supported by the Science Fund of the Republic of Serbia, Grant No. 7750027: Set-theoretic, model-theoretic and Ramsey-theoretic phenomena in mathematical structures: similarity and diversity – SMART.