

COMPARISON AND CONTINUATION OF MULTI-VALUED DEPENDENCIES

Molodtsov Dmitriy Anatolievich

Senior researcher at Institution of Russian Academy of Sciences

Dorodnicyn Computing Centre of RAS

Russia, 119333, Moscow, 40 Vavilova str., CC RAS.

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The deterministic multi-valued dependencies in the form of multisets are studied. The possibility of using multi-valued dependencies for the guaranteed result in dynamic decision-making problems is proved. The methodology of comparison and continuation of multi-valued dependencies on the basis of continuity for soft maps is proposed. Variables of dependencies may take not only numeric, but also other values.

Keywords: multivalued dependency, soft mapping, comparison of dependencies, approximation of soft mappings.

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