

The semantic context models of mathematical formulas in scientific papers

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Abstract

© 2018 CEUR-WS. All Rights Reserved. This paper describes the results of semantic annotating and semantic search in a mathematical collection. We explored semantic models of contexts of a mathematical formula and applied the new knowledge to improving semantic search. The solutions are based on the application of the previously developed OntoMathPro ontology.

Keywords

Mathematical paper, Ontology, Semantic annotation, Semantic search

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