



FIZnews

zbMATH Open Release API 1.0

The bibliographic metadata of the renowned information service zbMATH can now be used via standardized open interfaces.

July 01, 2021 — FIZ Karlsruhe now provides a zbMATH Open API service for its users. It supports the search, display, download, and analysis of zbMATH Open content provided by FIZ Karlsruhe and can be used to develop and test software applications.

Potential users of the API are not only individual users, but primarily institutions that consume, aggregate, archive, and search biometric data - for example, OpenAIRE, a pan-European research information system for presenting and linking research results.

The API does not include the entire content of zbMATH Open, but FIZ Karlsruhe's own data and those authorized by cooperating publishers. The datasets usually contain bibliographic data, digital object identifiers (DOI), reviews, author profiles, classifications, and in some cases abstracts. They are now available in a standardized machine-readable format.

zbMATH Open has been accessible free of charge since January 1, 2021. For most mathematicians, this means that they can access the information service from anywhere in the world without subscription or authentication. This way, much of the data can be used freely for research purposes and for linking to other non-commercial services. FIZ Karlsruhe expects that this will provide increased visibility to the results of mathematical research.

For more information, please visit https://oai.zbmath.org/

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