

EUROPEAN  
MATHEMATICAL  
SOCIETY

www.euro-math-soc.eu

# Committee for Electronic Publishing

[http://www.euro-math-soc.eu/comm-el\\_publ.html](http://www.euro-math-soc.eu/comm-el_publ.html)

## EuDML: Intermediate report

EuDML provides unified access to about 230,000 digital items (mathematical articles, proceedings articles, books, book chapters etc.), belonging to 223 collections by 12 content providers. Currently, there are about 80,000 links provided by the EuDML between these items, 11,000 abstracts and 75,000 full-texts indexed.

The currently online EuDML Prototype Release 1.3 (May 2012) offers the following services: Zentralblatt Math citation reference matching and metadata lookup; EuDML reference matching; metadata harvesting, transformation and ingestion; journal browsing; fielded search, simple search, and formula search (with MathML or LaTeX encoding); similar article suggestion.

The following services are scheduled to appear in the public website within few months: Annotation service; accessible PDF serving & screen reader service (support for dyslexia and visual handicaps); a REST service interface.

The EuDML is available at

[www.eudml.org](http://www.eudml.org)



## EuDML Scientific Advisory Board

The board is complete and in action:

Frédéric Brechenmacher (Paris Jussieu)

James Harold Davenport (University of Bath)

Norbert Fuhr (Universität Duisburg-Essen)

Thomas Hempfling (Springer Basel (Birkhäuser Mathematik))

Thomas Hintermann (European Mathematical Society Publishing House)

Carol Hutchins (Courant Institute of Math. Science, New York University)

Ulf Rehmann (Chair) (Universität Bielefeld)

Masakazu Suzuki (Kyushu University)

Günter Törner (Universität Duisburg-Essen)

Bernd Wegner (TU Berlin)

Latest activity: The project has sent a letter to the board describing in detail its activities, achievements, and further goals in order to get advice from the board. The SAB is considering the actual state of the project.

## Digitization of the ECM proceedings

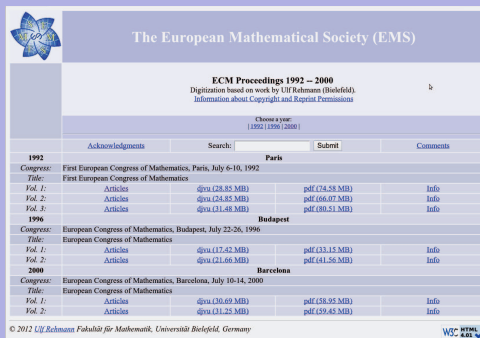
The following volumes have been digitized:

- ECM 1 (Paris, 1992, 3 volumes)
- ECM 2 (Budapest, 1996, 2 volumes)
- ECM 3 (Barcelona, 2000, 2 volumes)

The 7 print volumes have been donated by the publisher, and they have already been digitized and OCR'd. The contributions to all 7 volumes are accessible article by article. A search function for titles and authors is implemented as well.

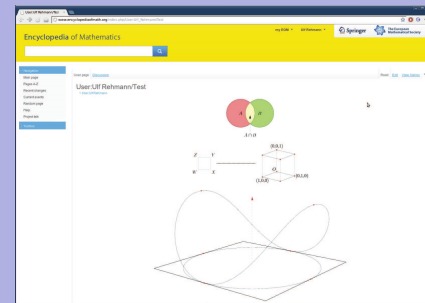
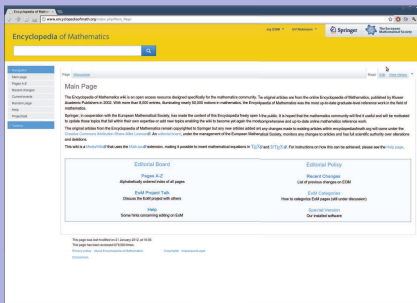
The installation of the digitized ECM proceedings is at the address

<http://www.math.uni-bielefeld.de/ECM/>



## Encyclopedia of Mathematics

The project is in a working state. Several active members cooperate in editing and updating. Many users have received accounts. Everybody is strongly encouraged to edit and update pages concerning their respective fields in order to enhance the encyclopedia and to make it even more useful than it already is. The EoM server was very recently enhanced by an installation of the graphics software "Asymptote", which will allow to enrich the articles by advances graphics.



## Towards the World Digital Mathematics Library

Four members of the EPC took part in the workshop "The Future World Heritage Digital Mathematics Library: Plans and Prospects" organized the IMU Committee on Electronic Information and Communication in Washington, June 1-3, 2012. The purpose of this meeting was to develop the outlines of a viable plan of action to realize the long standing dream of a universally accessible repository for the world's mathematics literature. For the detailed information about the workshop and its outcomes see

<http://ada00.math.uni-bielefeld.de/dml/>