

Program of New Developments in Electronic Publishing of Mathematics

*A workshop integrating mathematicians, libraries, editors and publishers
in combination with the 5th EMANI workshop and the 3rd WDML workshop*

Archiving and digital preservation of mathematical documents

Bernd Wegner: Opening

Bernd Wegner: Short overview on EMANI

Heike Neuroth: Metadata for long-term preservation of electronic documents – coordination and development in EMANI

Thomas Fischer, Sebastian Pokutta, Günter Törner (Combined talk): Archiving $\text{T}_{\text{E}}\text{X}$ -Documents, Electronic publishing and the role of $\text{T}_{\text{E}}\text{X}$, Installing the $\text{T}_{\text{E}}\text{X}$ Doc C project, $\text{T}_{\text{E}}\text{X}$ applications for archiving at libraries

Tim Dokchitser: From the scanned image of mathematical documents to the $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ source code

Romeo Anghelache: HERMES – a reliable conversion from TeX to MathML

Enrique Macias: Some digitisation initiatives in Spain

Open discussion

Session 1: Searching mathematics in the Web

Stefano Zacchiroli: Web searches in the Hypertextual Electronic Library of Mathematics

Michael Jost: New European developments in Mathematics Information (foresight and database studies)

Michael Höppner: Bielefeld Academic Search Engine: a BASE for the working Mathematician

Heinz Kröger: Ten years of access to mathematics publications through EMIS

Open discussion

Wolfram Sperber: Knowledge transfer between Mathematics and Industry via the Web: the Math&Industry Initiative

Olaf Ninnemann: Zentralblatt MATH – the infrastructure for mathematics of the past, present and future

Sempi: The Italian Editorial Unit of ZMATH

Wolfgang Dalitz: The IMU Website and Math-Net – two initiatives of the IMU in the scholarly information and communication

Session 2: Generating digital content in mathematics

Virginia Valzano, Maria C. Catamo: The development of Electronic Publishing within the Italian National Information System for Mathematics

Katharina Habermann: Vi Fa Math – A Project for a Virtual Mathematical Library

Gertraud Griepke: Requirements for the electronic production of mathematical documents – Springer as an example.

Susan Hezlet: The Open Access movement and Payment Models – A Learned Society Publisher’s Perspective

Steen Markvorsen: An Outlook on to Webborne Mathematics – from a Nordic based Viewpoint

Rainer Nörenberg: Automatic Reference Recognition and PDF

Wolfgang Lenski: Some remarks on a publication-related concept of information

Yves Laurent : NUMDAM, digitising French mathematical serials

Bernd Wegner: Progress with RusDML – the Russian Digital Mathematics Library

The WDML workshop

Thomas Fischer: The DML-registry at SUB Göttingen

Thierry Bouche : The mini-DML project

Bernd Wegner: EMANI – leader and follower for the WDML

Jiang Airong: The Chinese contribution to the WDML: The digital archive at Tsinghua University Library

Alf van der Poorten: Mathematical Collaborative Tools and the Access Grid (WDML keynote talk)

WDML coordination meeting

Closing remarks