

Zeitschrift:	L'Enseignement Mathématique
Herausgeber:	Commission Internationale de l'Enseignement Mathématique
Band:	51 (2005)
Heft:	3-4: L'enseignement mathématique
Artikel:	Discussion document for the seventeenth ICMI study: Digital technologies and mathematics teaching and learning: Rethinking the terrain ("Techology revisited")
Autor:	[s.n.]
Bibliographie	
DOI:	https://doi.org/10.5169/seals-3603

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

Download PDF: 14.10.2025

ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>

Members: Prof. Douglas CLEMENTS (Department of Learning and Instruction, University at Buffalo, USA, *up to August 2005*), Prof. John OLIVE (Department of Mathematics and Science Education, The University of Georgia, USA, *after August 2005*), Dr. Paul DRIJVERS (Freudenthal Institute, The Netherlands), Dr. Lulu HEALY (Centre of Science & Technology, Pontifícia Universidade Católica (PUC), Brazil), Prof. Cyril JULIE (School of Science and Mathematics Education, University of the Western Cape, South Africa), Prof. LE Hung Son (Faculty of Applied Mathematics, Hanoi University of Technology, Vietnam), Prof. Maria Alessandra MARIOTTI (Department of Science, Mathematics and Informatics, Università di Siena, Italy), Dr. Ana Isabel SACRISTAN (Department of Mathematics Education, Cinvestav, Mexico), Dr. Evgenia SENDOVA (Institute of Mathematics and Informatics, Bulgarian Academy of Sciences, Bulgaria), Dr. Nathalie SINCLAIR (Department of Mathematics, Michigan State University, USA), Dr. Colleen VALE (School of Education, Victoria University of Technology, Australia), Prof. Bernard R. HODGSON (Département de mathématiques et de statistique, Université Laval, Canada (*ex officio*, Secretary-General of ICMI)).

CO-CHAIRS OF ICMI STUDY 17

Prof. Celia HOYLES, Institute of Education, University of London, 20 Bedford Way, London WC1H 0AL, UK

Tel: +44 20 7612 6659 *Fax:* +44 20 7612 6792
e-mail: c.hoyles@ioe.ac.uk

Prof. Jean-Baptiste LAGRANGE, IUFM de Reims, 11 rue Gabriel Voisin, F-51688 Reims Cedex 2, B.P. 337, France

Tel: +33 3 26 50 36 25 *Fax:* +33 3 26 50 30 39
e-mail: jb.lagrange@reims.iufm.fr

The official website for the Study is <http://www.math.msu.edu/~nathsinc/ICMI/>

REFERENCES

- [1] CHURCHHOUSE, R. F. (ed). *The Influence of Computers and Informatics on Mathematics and its Teaching*. ICMI Study Series, Cambridge University Press, 1986.
- [2] CORNU, B. and A. RALSTON (eds). *The Influence of Computers and Informatics on Mathematics and its Teaching*, 2nd ed. UNESCO (Science and Technology Education no. 44), 1992.
- [3] GUIN, D., K. RUTHVEN and K. TROUCHE (eds). *The Didactical Challenge of Symbolic Calculators: Turning a Computational Device into a Mathematical Instrument*. Springer, 2005.
- [4] HOYLES, C. and R. NOSS. What can digital technologies take from and bring to research in mathematics education ? In: A. J. BISHOP, M. A. CLEMENTS, C. KEITEL, J. KILPATRICK and F. K. S. LEUNG (eds.) *Second International Handbook of Mathematics Education*. Kluwer, Dordrecht, 2003.

Leere Seite
Blank page
Page vide