

Zeitschrift: Commentarii Mathematici Helvetici
Herausgeber: Schweizerische Mathematische Gesellschaft
Band: 91 (2016)
Heft: 4

Inhaltsverzeichnis

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften. 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. [Siehe Rechtliche Hinweise.](#)

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. [Voir Informations légales.](#)

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. [See Legal notice.](#)

Download PDF: 29.03.2025

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

Vol. 91
2016

Commentarii Mathematici Helvetici

A journal of the Swiss Mathematical Society



European Mathematical Society

Commentarii Mathematici Helvetici (CMH)

A journal of the Swiss Mathematical Society

Aims and Scope

Commentarii Mathematici Helvetici (CMH) was established on the occasion of a meeting of the Swiss Mathematical Society in May 1928. The first volume was published in 1929. The journal soon gained international reputation and is one of the world's leading mathematical periodicals. The first Managing Editor was R. Fueter, followed in 1950 by J. J. Burckhardt, 1982 by P. Gabriel, 1990 by H. Kraft, and 2006 by Eva Bayer-Fluckiger.

The journal is intended for the publication of original research articles on all aspects in mathematics.

Editor-in-Chief

E. Bayer-Fluckiger, Ecole Polytechnique Fédérale de Lausanne,
Switzerland
eva.bayer@epfl.ch

Editorial office

Commentarii Mathematici Helvetici
E. Bayer-Fluckiger
Ecole Polytechnique Fédérale de Lausanne
CSAG-IMB-FSB Station 8
CH-1015 Lausanne
Switzerland
e-mail: cmh@epfl.ch

Editorial Committee

A. Beauville, Université de Nice, France
beauville@math.unice.fr
M. Burger, ETH Zürich, Switzerland
burger@math.ethz.ch
T. Colding, New York University, USA
colding@cims.nyu.edu
H. Darmon, McGill University, Montreal, Canada
darmon@math.mcgill.ca
U. Hamenstädt, Universität Bonn, Germany
ursula@math.uni-bonn.de
E. Kowalski, ETH Zürich, Switzerland
kowalski@math.ethz.ch
N. Monod, EPFL Lausanne, Switzerland
nicolas.monod@epfl.ch
D.A. Salamon, ETH Zürich, Switzerland
dietmar.salamon@math.ethz.ch
A. Wilkinson, University of Chicago, USA
wilkinso@math.uchicago.edu

Advisory Board

N. Monod, A. Dessai, U. Lang, C. Riedtmann, B. Colbois, V. Schroeder,
N. Hungerbühler, P. Buser, R. Jeltsch, U. Würgler, G. Wanner,
H. Jarchow, F. Sigrist, H. Holmann, U. Stammbach, N. A'Campo,
S.D. Chatterji, H. Carnal, A. Robert, A. Haefliger, M. Burger,
E. de Giorgi, M. Grote, E. Hairer, R. Kellerhals, A. Piatti, J. Rappaz,
A. Valette

Subscription Information

Commentarii Mathematici Helvetici is published in one volume per annum, four issues per volume. Approximately 1000 pages, 17 × 24 cm.

Print ISSN: 0010-2571
Online ISSN: 1420-8946

The annual subscription rate is 328 Euro (online only) or 388 Euro (print+online), respectively. The online subscription includes access to the electronic version from IP addresses provided by the customer. The print and online subscription comprises one copy of the print version (postage and handling included) and access to the electronic version from IP addresses provided by the customer.

Other subscriptions on request.

The journal may be ordered from your bookseller, subscription agency, or directly from the publisher. Please address orders and correspondence to:

EMS Publishing House
ETH-Zentrum SEW A27
CH-8092 Zürich
Switzerland

email: subscriptions@ems-ph.org
<http://www.ems-ph.org>

© 2016 European Mathematical Society

All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without either the prior written permission of the Publisher, or a licence permitting restricted copying issued by a copyright clearance centre such as the Verwertungsgesellschaft WORT in Munich, Germany, or the Copyright Clearance Center Inc., 222 Rosewood Drive, Danvers, MA 01923, USA.

Contents of Volume 91, 2016

S. AKBULUT AND D. RUBERMAN, Absolutely exotic compact 4-manifolds	1
A. KISLEV, Hofer growth of C^1 -generic Hamiltonian flows	21
A. KOCSARD AND R. POTRIE, Livšic theorem for low-dimensional diffeomorphism cocycles	39
F. LEDRAPPIER, Y. LIMA AND O. SARIG, Ergodic properties of equilibrium measures for smooth three dimensional flows	65
L. MERLIN, Minimal entropy for uniform lattices in product of hyperbolic planes	107
E. D. GLUSKIN AND Y. OSTROVER, Asymptotic equivalence of symplectic capacities	131
N. BHASKHAR, On Serre's injectivity question and norm principle	145
N. SEMENOV, Motivic construction of cohomological invariants	163
M. BESTVINA, K. BROMBERG AND K. FUJIWARA, Bounded cohomology with coefficients in uniformly convex Banach spaces	203
B. SCHMIDT, K. SHANKAR AND R. SPATZIER, Positively curved manifolds with large spherical rank	219
A. LE BOUDEC, Groups acting on trees with almost prescribed local action . . .	253
N. FREITAS, On the Fermat-type equation $x^3 + y^3 = z^p$	295
R. CASALS AND F. PRESAS, On the strong orderability of overtwisted 3-folds .	305
S. GUPTA AND M. WOLF, Quadratic differentials, half-plane structures, and harmonic maps to trees	317
K. MARIN, C^r -density of (non-uniform) hyperbolicity in partially hyperbolic symplectic diffeomorphisms	357
R. VENERUCCI, On the p -converse of the Kolyvagin–Gross–Zagier theorem . .	397
YU. CHEKANOV AND F. SCHLENK, Lagrangian product tori in symplectic manifolds	445

E. ARBARELLO, A. BRUNO, G. FARKAS AND G. SACCÀ, Explicit Brill–Noether–Petri general curves	477
D. LAACKMAN AND A. MERKURJEV, Degree three cohomological invariants of reductive groups	493
J. HUANG, K. JANKIEWICZ AND P. PRZYTICKI, Cocompactly cubulated 2-dimensional Artin groups	519
A. KAR AND M. SAGEEV, Ping Pong on CAT(0) cube complexes	543
M. BOLOGNESI AND A. MASSARENTI, Moduli of abelian surfaces, symmetric theta structures and theta characteristics	563
A. MINASYAN AND P. ZALESSKII, Virtually compact special hyperbolic groups are conjugacy separable	609
L. A. FLORIT AND W. ZILLER, Nonnegatively curved Euclidean submanifolds in codimension two	629
A. BOUNEMOURA, Nekhoroshev’s estimates for quasi-periodic time-dependent perturbations	653
M. SCHÜTT, Dynamics on supersingular K3 surfaces	705
E. HELLMANN, Families of p -adic Galois representations and (ϕ, Γ) -modules	721
J. CONANT, A. HATCHER, M. KASSABOV AND K. VOGTMANN, Assembling homology classes in automorphism groups of free groups	751
A. SEPPI, Minimal discs in hyperbolic space bounded by a quasicircle at infinity	807