



BULLETIN

(NEW SERIES)

OF THE

AMERICAN MATHEMATICAL SOCIETY

- [Journals Home](#)
- [Search](#)
- [Author Info](#)
- [Subscribe](#)
- [Tech Support](#)
- [Help](#)

ISSN 1088-9485 (e) ISSN 0273-0979 (p)

[Previous issue](#) | [Table of contents](#) | [Next issue](#)
[Articles in press](#) | [Recently posted articles](#) | [Most recent issue](#) | [All issues](#)

Contents of Volume 41, Number 3

René Thom: "Mathématicien et apprenti philosophe"

Jean-Pierre Bourguignon
Bull. Amer. Math. Soc. **41** (2004), 273-274.
[Abstract, references and article information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)

Application of hyperbolic dynamics to physics: Some problems and conjectures

David Ruelle
Bull. Amer. Math. Soc. **41** (2004), 275-278.
[Abstract, references and article information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)

Shannon sampling and function reconstruction from point values

Steve Smale; Ding-Xuan Zhou
Bull. Amer. Math. Soc. **41** (2004), 279-305.
[Abstract, references and article information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)

Perturbations, deformations, and variations (and "near-misses") in geometry, physics, and number theory

B. Mazur
Bull. Amer. Math. Soc. **41** (2004), 307-336.
[Abstract, references and article information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)

The impact of Thom's cobordism theory

Michael Atiyah
Bull. Amer. Math. Soc. **41** (2004), 337-340.
[Abstract, references and article information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)

René Thom's work on geometric homology and bordism

Dennis Sullivan
Bull. Amer. Math. Soc. **41** (2004), 341-350.
[Abstract, references and article information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)

Book Reviews

Book reviews do not contain an abstract. You may download each review in this issue using the links below.

Galois theory of linear differential equations

Reviewer(s) Juan J. Morales-Ruiz
Bull. Amer. Math. Soc. **41** (2004), 351-356.
[Review information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)

RSA and Public-Key Cryptography
Introduction to Cryptography
Cryptography: Theory and Practice

Algebraic Aspects of Cryptography
Elliptic Curves: Number Theory and Cryptography
Elliptic Curves in Cryptography
Modern Cryptography, Probabilistic Proofs, and Pseudorandomness
Foundations of Cryptography: Basic Tools
The Design of Rijndael: AES --- the Advanced Encryption Standard
Handbook of Applied Cryptography

Reviewer(s) Susan Landau
Bull. Amer. Math. Soc. **41** (2004), 357-367.
[Review information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)

Homotopy theoretic methods in group cohomology

Reviewer(s) J. P. C. Greenlees
Bull. Amer. Math. Soc. **41** (2004), 369-376.
[Review information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)

Trigonometric series, Vols. I, II

Reviewer(s) Jean-Pierre Kahane
Bull. Amer. Math. Soc. **41** (2004), 377-390.
[Review information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)

Finite structures with few types

Reviewer(s) John T. Baldwin
Bull. Amer. Math. Soc. **41** (2004), 391-394.
[Review information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)

Discrete convex analysis

Reviewer(s) Alexander Barvinok
Bull. Amer. Math. Soc. **41** (2004), 395-400.
[Review information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)

Hankel operators and their applications

Reviewer(s) Donald Sarason
Bull. Amer. Math. Soc. **41** (2004), 401-407.
[Review information](#)
Retrieve article in: [PDF](#) [DVI](#) [TeX](#) [PostScript](#)



Comments: webmaster@ams.org
© Copyright 2004, American Mathematical Society
[Privacy Statement](#)

Search the AMS
powered by 