

**A journal  
with tradition**

# Mathematische Annalen

Founded in 1868 by Alfred  
Clebsch and Carl Neumann  
Continued by Felix Klein,  
David Hilbert, Otto  
Blumenthal, Erich Hecke,  
and Heinrich Behnke

Edited by: H. Amann,  
Zürich; H. Bauer, Erlangen  
(Managing Editor);  
J.-P. Bourguignon, Palai-  
seau; H. Grauert, Göttin-  
gen; G. Harder, Bonn;  
F. Hirzebruch, Bonn;  
N. J. Hitchin, Oxford;  
R. Remmert, Münster;  
W. Scharlau, Münster;  
E. Thoma, Munich

## From a recent issue:

**D. N. Akhiezer, S. G. Gindikin:**

On Stein extensions of real symmetric spaces

**D. Barlet, T. Peternell, M. Schneider:**

On two conjectures of Hartshorne's

**V. V. Batyrev, Yu. I. Manin:**

Sur le nombre des points rationnels de hauteur borné des  
variétés algébriques

**S. Bauer, C. Okonek:**

The algebraic geometry of representation spaces associated to  
Seifert fibered homology 3-spheres

**P. Bonneau, K. Diederich:**

Integral solution operators for the Cauchy-Riemann equations  
on pseudoconvex domains

**S. G. Dani, G. A. Margulis:**

Orbit closures of generic unipotent flows on homogeneous  
spaces of  $SL(3, \mathbb{R})$

**G.-E. Dethloff:**

A new proof of a theorem of Grauert and Remmert by  
 $L_2$ -methods

**T. tom Dieck:**

Symmetric homology planes

Springer-Verlag  
Berlin Heidelberg New York  
London Paris Tokyo  
Hong Kong

## Order Form **Mathematische Annalen**

ISSN 0025-5831 Title No. 208

Please hand to your  
bookseller

- Please enter my subscription beginning  
with Vol. 286-288 (4 issues each) 1990:  
DM 2580,- plus carriage charges:  
FRG DM 31,46; other countries DM 51,60
- Please send me a free sample copy.

Name/Address \_\_\_\_\_

Date/Signature \_\_\_\_\_

or return to:  
Springer-Verlag  
Dr. Nicola Klupsch  
Tiergartenstrasse 17  
D-6900 Heidelberg

Please note:  
I realize that I may cancel this order within ten days by  
writing to the address on the order form whereby the  
postmark date will suffice as proof that the cancellation was  
made within the deadline, I confirm my understanding of this  
with my second signature:

2nd signature \_\_\_\_\_

wi.10.373/E/1



Communications in  
**Mathematical  
Physics**

Chief Editor A. Jaffe, Cambridge, MA

Editorial Board M. Aizenman, New York, NY  
H. Araki, Kyoto  
A. Connes, Bures-sur-Yvette  
J.-P. Eckmann, Genève  
M. E. Fisher, College Park, MD  
J. Fröhlich, Zürich  
K. Gawedzki, Bures-sur-Yvette  
J. L. Lebowitz, New Brunswick, NJ  
J. Mather, Princeton, NJ  
N. Yu. Reshetikhin, Cambridge, MA  
B. Simon, Pasadena, CA  
Ya. G. Sinai, Moscow  
T. Spencer, Princeton, NJ  
S.-T. Yau, Cambridge, MA

Advisory Board M. F. Atiyah, Oxford  
F. Hirzebruch, Bonn  
G. 't Hooft, Utrecht  
R. Schrieffer, Santa Barbara, CA  
I. Singer, Cambridge, MA  
C. N. Yang, Stony Brook, NY

Responsible for Advertisements

Springer-Verlag  
Printers  
Printed in Germany

E. Lückermann, M. Stresow, Heidelberger Platz 3, D-1000 Berlin 33  
Telephone: (030) 8207-1, Telex 01-85411, FAX (0130) 820 7300  
Berlin Heidelberg New York Tokyo Hong Kong Barcelona  
Brühlsche Universitätsdruckerei, Giessen  
© Springer-Verlag Berlin Heidelberg 1990  
Springer-Verlag GmbH & Co KG, D-1000 Berlin 33