

# Journal Of Differential Geometry

E. Getzler, <i>An analogue of Demailly's inequality for strictly pseudoconvex CR manifolds</i>	231
H. Fujimoto, <i>Modified defect relations for the Gauss map of minimal surfaces</i>	245
T. Friedrich & I. Kath, <i>Einstein manifolds of dimension five with small first eigenvalue of the Dirac operator</i>	263
J. G. Wolfson, <i>Minimal surfaces in Kähler surfaces and Ricci curvature</i>	281
M. L. Green, <i>Components of maximal dimension in the Noether-Lefschetz locus</i>	295
D. Jerison & J. M. Lee, <i>Intrinsic CR normal coordinates and the CR Yamabe problem</i>	303
W. H. Meeks III, <i>Regularity of the Albanese map for nonorientable surfaces</i>	345
W.-X. Shi, <i>Complete noncompact three-manifolds with nonnegative Ricci curvature</i>	353
B. Chow & D. Yang, <i>Rigidity of nonnegatively curved compact quaternionic-Kähler manifolds</i>	361
G. J. Galloway, <i>The Lorentzian splitting theorem without the completeness assumption</i>	373
R. L. Diaz, <i>Necessary conditions for local subellipticity of <math>\square_b</math> on CR manifolds</i>	389
P. Li & L. F. Tam, <i>Linear growth harmonic functions on a complete manifold</i>	421
G. J. Martin, <i>Quasiconformal and affine groups</i>	427
M. Wolf, <i>The Teichmüller theory of harmonic maps</i>	449

# JOURNAL OF DIFFERENTIAL GEOMETRY

## Editors

- |                                                                         |                                                                                      |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| ROBERT L. BRYANT<br>Duke University<br>Durham, North Carolina 27706     | H. BLAINE LAWSON, JR.<br>State University of New York<br>Stony Brook, New York 11794 |
| SIMON K. DONALDSON<br>University of Oxford<br>Oxford, England OX1 3LB   | RICHARD M. SCHOEN<br>Stanford University<br>Stanford, California 94305               |
| PHILLIP A. GRIFFITHS<br>Duke University<br>Durham, North Carolina 27706 | Y. T. SIU<br>Harvard University<br>Cambridge, Massachusetts 02138                    |
| C. C. HSIUNG<br>Lehigh University<br>Bethlehem, Pennsylvania 18015      | S. T. YAU<br>Harvard University<br>Cambridge, Massachusetts 02138                    |

## Associate Editors

- |                                                                                                       |                                                                                 |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| ENRICO ARBARELLO<br>Universita degli Studi di Roma<br>Universitadi Ple A. Moro 2<br>00185 Roma, ITALY | SHIGEFUMI MORI<br>Faculty of Sciences<br>Nagoya University<br>Nagoya 464, JAPAN |
| JEFF CHEEGER<br>State University of New York<br>Stony Brook, NY 11794                                 | KAREN UHLENBECK<br>University of Texas<br>Austin, TX 78712                      |
| MICHAEL H. FREEDMAN<br>University of California<br>La Jolla, CA 92093                                 | ALLEN WEINSTEIN<br>University of California<br>Berkeley, CA 94720               |

---

The Journal of Differential Geometry, published bimonthly by Lehigh University in January, March, May, July, September and November, is devoted to the publication of research papers in differential geometry and related subjects such as differential equations, mathematical physics, algebraic geometry and geometric topology.

The subscription price for Vols. 29–30 (1989) is \$210.00 list, \$53.00 for personal use of individuals; each volume consists of three numbers. Back number prices per volume (with a 40% reduction for members of the American Mathematical Society): Vols. 1–2 (1967–1968), \$21.00; Vols. 3–6 (1969–1972), \$27.00; Vols. 7–9 (1972–1974), \$36.00; Vol. 10 (1975), \$45.00; Vol. 11 (1976), \$52.00; Vol. 12 (1977), \$60.00; Vols. 13–15 (1978–1980), \$63.00; Vol. 16 (1981), \$72.00; Vol. 17 (1982), \$78.00; Vols. 18–20 (1983–1984), \$120.00; Vols. 21–22 (1985), \$135.00; Vols. 23–28 (1986–1988), \$143.00.

Subscriptions and orders should be addressed to the American Mathematical Society, P.O. Box 1571, Annex Station, Providence, Rhode Island 02901-1571. *All orders must be accompanied by payment, and check should be made payable to the American Mathematical Society.* General correspondence and changes of address should be sent to the American Mathematical Society, P.O. Box 6248, Providence, Rhode Island 02940.

Instructions for submission of manuscripts are given inside of the back cover of this issue.

Copyright ©1989 Lehigh University. All rights reserved.

ISSN 0022-040X

Printed in the United States of America.

The paper used in this issue is acid-free and falls within the guidelines established to ensure permanence and durability. ∞