

Note to the author

All manuscripts should be double-spaced, and the author should keep a complete copy. Footnotes should be double-spaced, on a separate page. Figures should be drawn separately in black ink on white paper suitable for being photographed. Explain unusual symbols and handwritten symbols, and identify special typefaces such as bold, Gothic (German), script. Include a hard copy even if your manuscript has been electronically prepared in AMS-TEX or AMS-LATEX . In the latter case please submit your style files and font files with the AMS-TEX or AMS-LATEX diskette of your paper.

Include the primary and secondary subject classification numbers. The 1991 Mathematics Subject Classification can be found in the annual subject index volume of Mathematical Reviews.

Proof

Authors will receive only galley proof. Proof sent to North American addresses will be accompanied by manuscript and sent by first class mail. To other addresses, proof will be sent by airmail, and manuscript will be sent only if requested. Authors are asked to return proof (and manuscript if sent) by the same class of mail that was used in sending it to them.

Page charges

To cover a part of the cost of production, the author's institution will be billed for \$40 per page.

Offprints

One hundred offprints are supplied to the sole author of a paper; fifty free offprints are supplied to each author of a joint paper. Additional offprints may be purchased.

	Page
Conversion from nonstandard matrix algebras to standard factors of type II_1 By TAKANORI HINOKUMA and MASANAO OZAWA	1
Dimension, volume, and spectrum of a Riemannian manifold By JEFFREY M. LEE	14
Majoration harmonique et mouvement Brownien Par JEAN BROSSARD et LUCIEN CHEVALIER	33
Local boundary regularity of the Bergman projection in non-pseudo- convex domains By PEIMING MA	49
Examples of solvmanifolds without certain affine structure By KYUNG BAI LEE and FRANK RAYMOND	69
Random elements of a free profinite group generate a free subgroup By ALEXANDER LUBOTZKY	78
Harmonic and isometric rotations around a curve By L. NICOLodi and L. VANHECKE	85
A new characterization of Dirichlet type spaces and applications By RICHARD ROCHBERG and ZHIJIAN WU	101
The helical transform and the a.e. convergence of Fourier series By I. ASSANI	123
M-ideals of compact operators By N. J. KALTON	147