



# REVISTA MATEMÁTICA IBEROAMERICANA

Volumen 19, Número 3, Año 2003

## DIRECTORES

Antonio Córdoba Barba

José Luis Fernández Pérez

## COMITÉ EDITORIAL

Antonio Ambrosetti

Walter L. Baily, Jr.

Pilar Bayer

Luis A. Caffarelli

Fernando Chamizo

Charles Fefferman

Henryk Iwaniec

Joseph J. Kohn

Pierre-Louis Lions

Juan José López Velázquez

Terence J. Lyons

Jerrold E. Marsden

Yves Meyer

José M. Montesinos

David Nualart Rodón

Mauricio M. Peixoto

Ricardo Pérez Marco

Enrique Ramírez de Arellano

Antonio Ros

Elias M. Stein

Volumen 19, número 3, año 2003

## Contenido

D. DRASIN AND S. SASTRY: Periodic Quasiregular Mappings of Finite Order . . . . .	755
A. BENASSI AND D. ROUX: Elliptic Self-Similar Stochastic Processes	767
H. SHAHGHOLIAN: Analysis of the free boundary for the $p$ -parabolic variational problem ( $p \geq 2$ ) . . . . .	797
J. BARRAL: Poissonian products of random weights: Uniform convergence and related measures . . . . .	813
J. KAUFMAN, P. KOSKELA, J. MALÝ, J. ONNINEN AND X. ZHONG: Mappings of finite distortion: Sharp Orlicz-conditions . . . . .	857
E. CHASSEIGNE AND J. L. VÁZQUEZ: The Pressure Equation in the Fast Diffusion Range. . . . .	873
S. BLUNCK AND P. C. KUNSTMANN: Calderón-Zygmund theory for non-integral operators and the $H^\infty$ functional calculus . . . . .	919
P. POGGI-CORRADINI: Backward-iteration sequences with bounded hyperbolic steps for analytic self-maps of the disk . . . . .	943
J. A. CARRILLO, R. J. MCCANN AND C. VILLANI: Kinetic equilibration rates for granular media and related equations: entropy dissipation and mass transportation estimates . . . . .	971
A. SEEGER AND S. WAINGER: Singular Radon transforms and maximal functions under convexity assumptions . . . . .	1019