



REVISTA MATEMÁTICA
IBEROAMERICANA

Volumen 21, Número 1, Año 2005

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



Miguel de Guzmán (1936–2004). *In memoriam.*

Volumen 21, número 1, año 2005

Contenido

W. WANG AND C.-J. XU: The Cauchy problem for viscous shallow water equations	1
O. CALVO, V. MUÑOZ AND F. PRESAS: Codimension one symplectic foliations	25
A. CARRIAZO, L.M. FERNÁNDEZ AND M.B. HANS-UBER: Minimal Slant Submanifolds of the smallest dimension in S -manifolds	47
K. TACHIZAWA: Weighted Sobolev-Lieb-Thirring inequalities	67
R. S. KRAUSSHAR AND J. RYAN: Clifford and Harmonic Analysis on Cylinders and Tori	87
M. VELA: Resolution of a family of Galois embedding problems with cyclic kernel	111
Y.O. HAMIDOUNE AND A. PLAGNE: A multiple set version of the $3k - 3$ Theorem	133
V. FELLI: A note on the existence of H -bubbles via perturbation methods	163
M. PAICU: Équation anisotrope de Navier-Stokes dans des espaces critiques	179
M. FABIAN, P. HÁJEK, V. MONTESINOS AND V. ZIZLER: A quantitative version of Krein's Theorem	237
X. C. PANG, S. NEVO AND L. ZALCMAN: Quasinormal Families of Meromorphic Functions	249
E. ROYER AND J. WU: Taille des valeurs de fonctions L de carrés symétriques au bord de la bande critique	263
C. FEFFERMAN: Interpolation and extrapolation of smooth functions by linear operators	313