



The

# Michigan Mathematical Journal

**MANAGING EDITOR**

**Carl M. Pearcy**

**ASSOCIATE EDITORS**

**Morton Brown**

**Melvin Hochster**

**Hugh L. Montgomery**

**B. Alan Taylor**

**TECHNICAL EDITORS**

**Mary T. Murray**

**C. Pearcy**

**Chitra Ramanujan**

**DEPARTMENT OF MATHEMATICS**

**THE UNIVERSITY OF MICHIGAN**

**ANN ARBOR, MICHIGAN, U.S.A.**



## INDEX

**VOLUME 26, 1979**

	Page
M. B. Abrahamse      The Pick interpolation theorem for finitely connected domains . . . . .	195
Selman Akbulut and Robion Kirby      Masur manifolds . . . . .	259
Gerald A. Anderson      Simply connected surgery over a ring . . . . .	131
C. A. Berenstein and J. Lesmes      The Cauchy problem for convolution operators. Uniqueness . . . . .	333
Zoia Ceaușescu      Lifting a contraction intertwining two isometries . . . . .	231
Theodore Chang      Equivariant maps with nonzero Hopf invariant	151
Robert Craggs      Free Heegaard diagrams and extended Nielsen transformations, I. . . . .	161
T. W. Cusick and G. Kolesnik      Turán's second theorem on sums of powers of complex numbers . . . . .	205
Erick K. van Douwen and David J. Lutzer      On the classification of stationary sets . . . . .	47
Charles F. Dunkl      Discrete quadrature and bounds on t-designs . . . .	81

INDEX (*Continued*)

	Page	
<b>Ignacio Guerrero</b>	Quasiconformal variation of the Green's function . . . . .	351
<b>Kiki Hudson</b>	Classification of $SO(3)$ -actions on five-manifolds with singular orbits . . . . .	285
<b>Richard Jerrard</b>	A stronger invariant for homology theory . . . . .	33
<b>G. W. Johnson and D. L. Skoug</b>	An $L_p$ analytic Fourier-Feynman transform . . . . .	103
<b>George Kempf</b>	The Hochster-Roberts theorem of invariant theory . . . . .	19
 Robion Kirby, see Selman Akbulut, page 259		
 G. Kolesnik, see T. W. Cusick, page 205		
 J. Lesmes, see C. A. Berenstein, page 333		
<b>T. F. Lin</b>	Functional integrals related to a noncontraction semigroup . . . . .	143
 David J. Lutzer, see Erick K. van Douwen, page 47		
 Giancarlo Mauceri, see Leonede de Michele, page 361		
<b>Leonede de Michele and Giancarlo Mauceri</b>	$L^p$ multipliers on the Heisenberg group . . . . .	361
<b>Robert E. Molzon</b>	The Bezout problem for a special class of functions . . . . .	71
<b>William L. Paschke and Norberto Salinas</b>	Matrix algebras over $O_n$ . . . . .	3

INDEX (*Continued*)

	Page	
David B. Patterson	The fundamental group of the modulus space . . . . .	213
M. J. Pelling	On the singularity set of complex functions satisfying the Cauchy-Riemann equations . . . . .	225
L. J. Ratliff, Jr.	Notes on essentially powers filtrations . . . . .	313
M. S. Robertson	A characterization of the class of starlike univalent functions . . . . .	65
Norberto Salinas, see William L. Paschke, page 3		
Alladi Sitaram	A note on $L^2(\Gamma \setminus SL(2, \mathbb{R}))$ . . . . .	325
D. L. Skoug, see G. W. Johnson, page 103		
Elliott Stein	Free actions on products of spheres . . . . .	187
Tavan T. Trent	Extension of a theorem of Szegö . . . . .	373
Chia-Chi Tung	Pseudoconvexity and value distribution for Schubert zeroes . . . . .	243
Seth Warner	A new approach to Gelfand-Mazur theory and the extension theorem . . . . .	13





