CONTENTS

Cech Theory: Its past, present, and future	
By David A. Edwards and Harold M. Hastings	429
The influence of the second coefficient on prestarlike functions	
By H. Silvermann and E.M. Silvia	469
Convolutions and growth numbers of analytic functions	
By Richard A. Bogda and Hari Shankar	475
A constructive approach to Kergin interpolation in \mathbb{R}^k :	
Multivariate B-splines and Lagrange interpolation	
By Charles A. Micchelli	485
Singular nonlinear evolution equations	
By R.E. Showalter	499
Some totally real submanifolds in a quaternion projective space	
By Chorng Shi Houh	509
Strongly exposed points in $L^p(\mu, E)$	
By Jerry Johnson	517
Born series and scattering by time-dependent potentials	
By James S. Howland	521
Uniform differentiability, uniform absolute continuity and the	
Vitali-Hahn-Saks theorem	
By Russell G. Bilyeu and Paul W. Lewis	533
On the evaluation os (q_1q_2/p)	
By Kenneth S. Williams	559
Vector potentials for symmetric hyperbolic systems	
By David S. Gilliam	575
Isometry and fixed point theorems for asymptotically expansive	
mappings in compact spaces	
By Thakyin Hu	585
C^* -algebras of functions on direct products of semigroups	
By H.D. Junghenn	589
Fields with free multiplicative groups modulo torsion	
By Warren May	599
Branching of solutions of equations involving mappings possessing	
null linear approximations and related results	
By Avshalom Lev	605

Semi-stable kernels of valuated groups	
By Robert O. Stanton	629
Some elementary proofs of basic theorems in the cohomology of	
quasi-coherent sheaves	
By George R. Kempf	637
Fusion free representations of finite groups	
By Marc J. Lipman	647
Expressing group elements as commutators	
By Robert M. Guralnick	651
Some examples of algebraic degeneracy and hyperbolic manifolds	
By Kazuo Azukawa and Masaaki Suzuki	655
A T_B space which is not Katetov T_B	
By William G. Fleissner	661