Volume 18	Spring 1988	Number 2

CONTENTS	
Nonlinear partial differential equations conference By Klaus Schmitt	213
An invariance principle for a class of monotone systems and application to degenerate parabolic equations By N.D. Alikakos and P.W. Bates	015
Resolving singular nonlinear equations By E.L. Allgower and K. Böhmer	
On the simplicity and uniqueness of positive eigenvalues admitting positive eigenfunctions for weakly coupled elliptic systems	200
By ROBERT STEVEN CANTRELL	209
	277
On superlinear elliptic problems with nonlinearities interacting only with higher eigenvalues	287
Necessary and sufficient conditions for multiparameter bifurcation	28 i 305
Structure parameters in rotating Couette-Poiseuille channel flow	
By George H. Knightly and D. Sather	339
	357
Multi-grid continuation and spurious solutions for nonlinear eigenvalue problems	
-	387
On the collapse of the resonance structure in a three-parameter family of coupled oscillators	
v	103
Newton flows for real equations	
By Heinz-Otto Peitgen, Michael Prufer and Klaus Schmitt 4	133