2686-1430

## Lecture Notes in Biomathematics

Managing Editor: S. Levin

61

## Resource Management

Proceedings of the Second Ralf Yorque Workshop held in Ashland, Oregon, July 23-25, 1984

Edited by M. Mangel



Springer-Verlag
Berlin Heidelberg New York Tokyo

## TABLE OF CONTENTS

A General Theory for Fishery Modeling

	Jon Schnute	. 1
ata	Transformations in Regression Analysis with Applications	
,o S1	tock-Recruitment Relationships	
	David Ruppert and Raymond J. Carroll	29
Co	nceptual Model for Multispecies, Multifleet Fisheries	
	Wayne M. Getz, Gordon L. Swartzman, and Robert C. Francis	49
Risk	Adverse Harvesting Strategies	,
	Richard Deriso	65

Carl J. Walters..... 89

Marc Mangel......105

A Comparison of Harvest Policies for Mixed Stock Fisheries

Pathological Behavior of Managed Populations When Production

Relationships are Assessed from Natural Experiments

Search Models in Fisheries and Agriculture