## **Contents**

Preface v	ii
Tectonic overview of Deep Sea Drilling Project transects of forearcs  J. Casey Moore and Neil Lundberg	1
Acroscopic structural features in Deep Sea Drilling         Project cores from forearc regions       1         Neil Lundberg and J. Casey Moore	3
Saulting mechanisms in slope sediments: Examples from  Deep Sea Drilling Project cores	5
fcaly fabrics from Deep Sea Drilling Project cores from forearcs  J. Casey Moore, Sarah Roeske, Neil Lundberg, Jane Schoonmaker, Darrell S. Cowan, Eugenio Gonzales, and Stephen E. Lucas	5
Accrostructural evolution of vein arrays preserved in Deep Sea  Drilling Project cores from the Japan Trench, Leg 57	5
Cataclastic deformation in accretionary wedges: Deep Sea Drilling Project Leg 66, southern Mexico, and on-land examples from Barbados and Kodiak Islands Stephen E. Lucas and J. Casey Moore	)
lay mineralogy and diagenesis of sediments from deformation zones in the Barbados accretionary wedge (Deep Sea Drilling Project Leg 78A)	5
hysical properties and mechanical state of accreted sediments in the Nankai Trough, Southwest Japan Arc	,
ediment deformation and dewatering under horizontal compression: Experimental results	;
eformation mechanism path diagrams for sediments undergoing lithification	l