

## CONTENTS

FOREWORD . . . . .	vi
INTRODUCTORY REMARKS	
R. M. SHACKLETON: Displacement within continents . . . . .	I
STRUCTURAL ANALYSIS OF OROGENIC BELTS	
N. L. FALCON: Problems of the relationship between surface structure and deep displacements illustrated by the Zagros Range . . . . .	9
F. G. FOX: Some principles governing interpretation of structure in the Rocky Mountain orogenic belt . . . . .	23
J. G. RAMSAY: The measurement of strain and displacement in orogenic belts . . . . .	43
W. E. A. PHILLIPS & J. G. BYRNE: The construction of sections in areas of highly deformed rocks . . . . .	81
D. H. TARLING: The palaeomagnetic evidence of displacements within continents . . . . .	95
HISTORICAL ANALYSIS OF OROGENIC BELTS	
W. B. HARLAND: Interpretation of stratigraphical ages in orogenic belts . . . . .	115
P. E. BROWN & J. A. MILLER: Interpretation of isotopic ages in orogenic belts . . . . .	137
F. J. FITCH, J. A. MILLER & J. G. MITCHELL: A new approach to radio-isotopic dating in orogenic belts . . . . .	157
OTHER ANALYSES	
N. RAST: Orogenic belts and their parts . . . . .	197
R. STONELEY: Sedimentary thicknesses in orogenic belts . . . . .	215
J. SUTTON: Rates of change within orogenic belts . . . . .	239
E. R. OXBURGH: The deep structure of orogenic belts—the root problem . . . . .	251
M. H. P. BOTT: Orogeny in relation to crust and upper mantle . . . . .	275
T. N. CLIFFORD: Internal features of some orogenic belts of Africa . . . . .	285
CLOSING REMARKS	
K. C. DUNHAM . . . . .	289
DISCUSSION . . . . .	291