

CONTENTS

Reports and Discussions

I. Prigogine and R. Lefever: Coupling between diffusion and chemi-	
cal reactions	1
DISCUSSION OF THE REPORT.	29
I. D. CAMPBELL, C. M. DOBSON and R. J. P. WILLIAMS: Structures and energetics of proteins and their active sites	55
DISCUSSION OF THE REPORT	95
I. M. Klotz: Synzymes: Synthetic polymers with enzymelike catalytic activities	109
DISCUSSION OF THE REPORT	160
G. G. Hammes: Control of the catalytic activity of enzymes by the near and remote environment of a polyatomic framework	177
DISCUSSION OF THE REPORT	212
D. Thomas: Diffusion-reaction in structured media and membranes bearing enzymes	229
DISCUSSION OF THE REPORT	233
H. McConnell: Dynamic properties of membranes; membrane im- munochemistry	
DISCUSSION OF THE REPORT	275
W. Simon: Selective transport processes in artificial membranes	287
DISCUSSION OF THE REPORT	315
General discussion	323
Index	343