

CONTENTS

Part I: Forms and Operators	
§1 Operators	1
§2 Forms	11
§3 The addition problem	19
§4 Positive form sums	23
§5 Small form perturbations	25
§6 Small operator perturbations	30
§7 Strong convergence and approximation	38
Part II: Operator Domains	
§8 Order in Hilbert space	48
§9 Order and estimates	55
§10 Eigenvalues	64
§11 Local conditions	75
§12 Commutators	79
Part III: Self-adjoint Extensions	
§13 Extensions of Hermitian operators	83
§14 The Friedrichs extension	89
§15 Extensions of semi-bounded operators	92
Part IV: Moments	
§16 Analytic vectors	99
§17 Semi-analytic vectors	106
References	109