

C O N T E N T S

CHAPTER	PAGE
I. INTRODUCTION . . . . .	1
II. GENERAL PROPERTIES OF HYPONORMAL OPERATORS . . . . .	20
III. NUMERICAL RANGE OF HYPONORMAL OPERATORS . . . . .	26
IV. CARTESIAN DECOMPOSITION OF A HYPONORMAL OPERATORS AND SPECTRAL RELATIONS . . . . .	33
V. HYPONORMAL OPERATORS AND THEIR ADJOINTS . . . . .	41
VI. HYPONORMAL OPERATORS AND POINT SPECTRUM . . . . .	47
VII. THE NUMERICAL RANGE AND POLARDECOMPOSITION OF AN OPERATOR . . . . .	53
VIII. THE CLASS (N) OF OPERATORS . . . . .	58
IX. ON A PROBLEM OF T. NIEMINEN . . . . .	66
BIBLIOGRAPHY . . . . .	70
APENDIX . . . . .	74