CONTENTS

CHAPTER			PAGE
I	INTRODUCTION	••••	1
II	THE ORDER OF MAGNITUDE OF FOURIER COEFFICIENTS OF A LACUNARY FOURIER SERIES	••••	29
III ·	LACUNARY TRIGONOMETRIC SERIES AND THE ORDER OF ITS COEFFICIENTS	••••	51
IV	ABSOLUTE CONVERGENCE OF LACUNARY FOURIER SERIES OF FUNCTIONS IN $\text{Lip}(\alpha,p)$ AND BOUNDED VARIATION CLASS	••••	60
Λ	ABSOLUTE CONVERGENCE OF A LACUNARY FOURIER SERIES AND A SERIES ASSOCIATED WITH IT FOR FUNCTIONS IN Lip(α ,p) AND BOUNDED r^{th} VARIATION CLASS	••••	74
ΛΊ	ABSOLUTE SUMMABILITY OF LACUNARY FOURIER SERIES AND ITS CONJUGATE SERIES		95
	REFERENC ₍ ES		112
	APPENDTX		117