CONTENTS

СНАР.		PAGE
I.	FUNDAMENTAL IDEAS	1
II.	GENERAL SURVEY OF THE DIFFERENT METHODS OF SOLVING	
	THE WAVE-EQUATION	25
III.	POLAR COORDINATES	35
IV.	Cylindrical coordinates	69
v.	THE PROBLEM OF DIFFRACTION	82
VI.	TRANSFORMATIONS OF COORDINATES APPROPRIATE FOR THE TREATMENT OF PROBLEMS CONNECTED WITH A SURFACE OF	
	REVOLUTION	95
VII.	HOMOGENEOUS SOLUTIONS OF THE WAVE-EQUATION	110
VIII.	ELECTROMAGNETIC FIELDS WITH MOVING SINGULARITIES .	115
IX.	MISCELLANEOUS THEORIES	141
	LIST OF AUTHORS QUOTED	155
	Index	158