## CONTENTS

P.	ART I. PARAMETRIC INSTABILITIES IN PLASMA 1
	GENERAL FORMALISM OF PARAMETRIC EXCITATION, Kyoji Nishikawa, Faculty of Science, University of Hiroshima, Hiroshima, Japan and C. S. Liu, Department of Physics and Astronomy, University of Maryland, College Park, Maryland
	PARAMETRIC INSTABILITIES IN HOMOGENEOUS UNMAGNETIZED PLASMAS, C. S. Liu, Department of Physics and Astronomy, University of Maryland, College Park, Maryland and P. K. Kaw, Physical Research Laboratory, Ahmedabad, India
	PARAMETRIC INSTABILITIES IN AN INHOMOG- ENOUS UNMAGNETIZED PLASMA, C. S. Liu, Department of Physics and Astronomy, University of Maryland, College Park, Maryland 121
	PARAMETRIC EXCITATION OF ELECTROSTATIC WAVES IN A MAGNETIZED PLASMA, P. K. Kaw, Physical Research Laboratory, Ahmedabad, India
	PARAMETRIC EXCITATION OF ELECTRO- MAGNETIC WAVES IN MAGNETIZED PLASMAS, P. K. Kaw, Physical Research Laboratory, Ahmedabad, India
	SATURATION AND NONLINEAR EFFECTS OF PARAMETRIC INSTABILITY, W. L. Kruer, Lawrence Livermore Laboratory, University of California, Livermore, California

viii CONTENTS

PART II. TRANSPORT IN MAGNETICALLY CONFINED PLASMAS		271
REVIEW OF NEOCLASSICAL TRANSPORT THEORY, R. K. Hazeltine, Fusion Resear Center, University of Texas at Austin, Tex		273
NEOCLASSICAL THEORY OF DIFFUSION, A. A. Galeev and R. Z. Sagdeev, Institute High Temperature, Academy of Sciences o USSR, Moscow, USSR	of	311
COLLECTIVE MODES IN CONFINED HIGH TEMPERATURE PLASMAS, Bruno Coppi a Gregory Rewoldt, Massachusetts Institute Technology, Cambridge, Massachusetts.	of	421
AUTHOR INDEX		587
SUBJECT INDEX		59 <b>1</b>
CUMULATIVE INDEX Volumes 1-6		597