

CONTENTS of VOLUME I

	Page
- T. H. Stix The Physics of Wave Heating I: The Landau Interaction	1
- T. H. Stix The Physics of Wave Heating II: The Cyclotron Interaction	24
- N. J. Fisch Current Drive Theory I: Survey of Methods	46
- P. L. Colestock The Theory of ICRF Heating	60
- J. R. Wilson Experimental Topics in ICRF Heating of Toroidal Plasmas	146
- T. Watari ICRF Heating Experiments in Japan	184
- M. Ono Ion Bernstein Wave Heating Theory and Experiment	197
- N. J. Fisch Current Drive Theory II: The Lower Hybrid Wave	236
- F. Santini Developments in Lower Hybrid Theory	251
- M. Porkolab Lower Hybrid Heating Experiments in Tokamaks: an Overview	288
- F. De Marco Review of Current Drive Experiments at the Lower Hybrid Frequency	316
- A. D. Piliya Review of the ECRH Theory	343

- R. Prater	354
A Review of Electron Cyclotron Heating Experiments in Toroidal Devices	
- V. V. Alikaeu, <u>K. A. Razumova</u>	377
Review of ECRH Experiments in USSR	
- T. Nagashima	393
Preionization and Current Startup Experiments with RF	
- <u>C. M. Fortgang</u> , P. L. Colestock, D. Q. Hwang	408
Coupling in the Ion Cyclotron Range of Frequencies with Ridged and Rectangular Waveguide Launchers	
- C. Gormezano	422
Lower Hybrid Couplers	
- C. P. Moeller (presented by R. Prater)	443
A Survey of ECH Microwave Technology	