

## CONTENTS

KINETIC EQUATIONS FOR PLASMA AND RADIATION <i>Albert Simon</i>	1
STATIC EQUILIBRIA, STABILITY, AND WAVE PROPAGATION IN SYMMETRICAL COLLISIONLESS PLASMAS <i>Ira B. Bernstein</i>	19
THE ELECTRON-STREAM MODEL OF A PLASMA, AND THE PROBLEM OF ENERGY CONSERVATION IN LANDAU DAMPING <i>Oscar Buneman</i>	54
MICROWAVE EMISSION FROM ULTRA-ENERGETIC PLASMAS <i>David B. Beard</i>	66
CYCLOTRON RADIATION, <i>Comments by William E. Drummond, 94</i>	
SURVEY OF SOME COHERENT WAVE PROPAGATION PROPERTIES OF PLASMAS <i>J. E. Drummond</i>	98
THERMAL GENERATION OF A FULLY IONIZED CESIUM PLASMA <i>G. S. Kino</i>	119
EXPERIMENTS ON ALFVÉN-WAVE PROPAGATION <i>John M. Wilcox, Alan W. DeSilva, William S. Cooper III, and Forrest I. Boley</i>	138