

CONTENTS

Preface	
<i>Daniel Bershader</i>	v
Introduction	
<i>Francis Clauser</i>	vii
Problems of Flow Existence and Stability in Magnetohydrodynamics	
<i>Adolf Busemann</i>	3
Magnetohydrodynamic Waves	
<i>J. D. Cole</i>	17
Propagation of Magnetohydrodynamic Waves Without Radial Attenuation	
<i>Harold Grad</i>	37
Magnetohydrodynamic Flow with a Transverse Magnetic Field	
<i>M. Mitchner</i>	61
Supersonic Two-dimensional Magnetohydrodynamic Flow	
<i>F. Fishman, J. W. Lothrop, R. M. Patrick, H. E. Petschek</i>	90
Electromagnetic Interaction with Aerodynamic Flows	
<i>E. L. Resler, Jr., and J. E. McCune</i>	120
Magnetohydrodynamic Flow Past a Flat Plate	
<i>G. F. Carrier and H. P. Greenspan</i>	137