

JOURNAL OF PLASMA PHYSICS

Volume 16 Part 2 October 1976

CONTENTS

Nonlinear oscillations in warm plasmas with initial velocity perturbations S. CUPERMAN AND M. MOND	<i>page</i> 103
Macroscopic plasmadynamical modes in a complete two-fluid description R. BALESCU AND I. PAIVA-VERETENNICOFF	119
Kinetic theory of the evolution of collective plasma excitations in an external electric field R. BALESCU AND I. PAIVA-VERETENNICOFF	129
Energetic ion distribution resulting from neutral beam injection in tokamaks J. D. GAFFEY, JR.	149
Instability of energetic ion beam injection in tokamaks J. D. GAFFEY, JR.	171
High-beta turbulence in two-dimensional magneto-hydrodynamics D. FYFE AND D. MONTGOMERY	181
Anomalous transport due to long-lived fluctuations in plasma. Part 1. A general formalism for two-time fluctuations J. A. KROMMES AND C. OBERMAN	193
Anomalous transport due to long-lived fluctuations in plasma. Part 2. Hydrodynamic contributions to transport in two-dimensional, strongly magnetized systems J. A. KROMMES AND C. OBERMAN	229

© Cambridge University Press 1976

CAMBRIDGE UNIVERSITY PRESS

BENTLEY HOUSE, 200 EUSTON ROAD, LONDON NW1 2DB
32 EAST 57TH STREET, NEW YORK, N.Y. 10022

Printed in Great Britain at the University Printing House, Cambridge