

JOURNAL OF PLASMA PHYSICS

Volume 24 Part 2 October 1980

CONTENTS

On the instability of a spatially confined electron beam in a magnetized plasma R. J. STRANGEWAY	page 193
Kelvin-Helmholtz problem in a rotating Hall plasma A. T. GRANIK	213
Low-frequency electrostatic instability due to anti-loss-cone electrons K. G. BHATIA AND G. S. LAKHINA	221
Low-frequency linear response of a cylindrical tokamak with arbitrary cross-section to 'helical' perturbations TORKIL H. JENSEN AND MING S. CHU	229
Longitudinal electron modes in plasma E. L. BYDDER AND B. S. LILEY	237
The stability of parallel flow of a multi-component plasma R. J. LUCAS	251
Plasmadynamical description of two-component weakly coupled plasma W. ROZMUS	265
Langmuir turbulence as a critical phenomenon. Part 1. Destruction of the statistical equilibrium of an interacting-modes ensemble GUY PELLETIER	287
Unified treatment of symmetric MHD equilibria JOHANN W. EDENSTRASSER	299
Theory of double resonance parametric excitation in plasmas. Part 2 BURTON D. FRIED, ALLEN ADLER AND ROBERT BINGHAM	315
Scattering from electron density irregularities in a compressible anisotropic plasma T. OKUZAWA AND T. H. NGUYEN	341
Langmuir probe measurements of double-layers in a pulsed discharge J. S. LEVINE AND F. W. CRAWFORD	359

© Cambridge University Press 1980

CAMBRIDGE UNIVERSITY PRESS

THE PITT BUILDING, TRUMPINGTON STREET, CAMBRIDGE CB2 1RP
32 EAST 57TH STREET, NEW YORK, N.Y. 10022

Printed in Great Britain at the University Press, Cambridge