Continued from back cover

Small amplitude waves in a hot relativistic two-fluid plasma
S. HYUN AND C. F. KENNEL 231

Nonlinear interaction of a magnetized overdense plasma with relativistically strong electromagnetic waves
L. Y. SHIH 289

Ray-tracing in the electron-cyclotron frequency region
F. DE LUCA AND C. MAROLI 299

https://doi.org/10.1017/S0022377800021449 Published online by Cambridge University Press

JOURNAL OF PLASMA PHYSICS

Volume 20 Part 2 October 1978

CONTENTS

Effect of finite ion Larmor radius on the Kelvin–Helmholtz instability
H. NAGANO *page* 149

Confinement times in quasi-trapping orbits
D. C. SCHEETZ AND R. W. FLYNN 161

Linearized expressions for perturbed quantities for propagation at arbitrary angle to the static magnetic field in plasmas with non-uniform density and thermal anisotropy
R. KOCH 171

Solitary surface waves
M. Y. YU AND I. ZHELYAZKOV 183

Nonlinear propagation of lower-hybrid waves in an inhomogeneous plasma
M. Y. YU, P. K. SHUKLA AND K. H. SPATSCHEK 189

Derivation of the quasi-linear equation in a magnetic field
H. L. BERK 205

Optimization of plasma quiescence
R. JONES 221

Stability of the solar wind against the whistler mode
P. REVATHY 225

Anomalous transport coefficients in a turbulent plasma
R. BALESCU AND I. PAIVA-VERETENNICOFF 231

A model for precursor structure in supercritical perpendicular, collisionless shock waves
D. SHERWELL AND R. A. CAIRNS 265

Continued on inside back cover

© Cambridge University Press 1978

CAMBRIDGE UNIVERSITY PRESS

THE PITT BUILDING, TRUMPINGTON STREET, CAMBRIDGE CB2 1RP

BENTLEY HOUSE, 200 EUSTON ROAD, LONDON NW1 2DB

32 EAST 57TH STREET, NEW YORK, N.Y. 10022

Printed in Great Britain at the University Press, Cambridge

https://doi.org/10.1017/S0022377800021449 Published online by Cambridge University Press