Contents

MULTIFLUID TOKAMAK TRANSPORT MODELS

John T. Hogan

ICARUS—A ONE-DIMENSIONAL PLASMA DIFFUSION CODE

M. L. Watkins, M. H. Hughes, K. V. Roberts, P. M. Keeping, and J. Killeen

EQUILIBRIA OF MAGNETICALLY CONFINED PLASMAS

Brendan McNamara

COMPUTATION OF THE MAGNETOHYDRODYNAMIC SPECTRUM IN AXISYMMETRIC TOROIDAL CONFINEMENT SYSTEMS

Ray C. Grimm, John M. Greene, and John L. Johnson

COLLECTIVE TRANSPORT IN PLASMAS

John M. Dawson, Hideo Okuda, and Bernard Rosen

ELECTROMAGNETIC AND RELATIVISTIC PLASMA SIMULATION MODELS

A. Bruce Langdon and Barbara F. Lasinski

PARTICLE-CODE MODELS IN THE NONRADIATIVE LIMIT

Clair W. Nielson and H. Ralph Lewis

THE SOLUTION OF THE KINETIC EQUATIONS FOR A MULTISPECIES PLASMA

John Killeen, Arthur A. Mirin, and Marvin E. Rensink