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TAU METHOD APPROXIMATION OF DIFFERENTIAL EIGENVALUE PROBLEMS WHERE THE SPECTRAL PARAMETER ENTERS NONLINEARLY. K. M. Liu and E. L. Ortiz, *Imperial College, London, ENGLAND.*

PARASITIC WAVES AND SOLITONS IN THE NUMERICAL SOLUTION OF THE KORTEWEG–DE VRIES AND MODIFIED KORTEWEG–DE VRIES EQUATION. M. F. Maritz and S. W. Schoombie, *University of the Orange Free State, Bloemfontein, SOUTH AFRICA.*

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A TWO-DIMENSIONAL FINITE ELEMENT MULTIGROUP DIFFUSION THEORY FOR NEUTRAL ATOM TRANSPORT IN PLASMAS. Mohammad Z. Hasan and Robert W. Conn, *University of California, Los Angeles, CA, USA.*

ELECTROMAGNETIC DIRECT IMPLICIT PLASMA SIMULATION. Dennis W. Hewett and A. Bruce Langdon, *Lawrence Livermore National Laboratory, Livermore, CA, USA.*

TABLES OF DIVERGENT FEYNMAN INTEGRALS. II. LIGHT-CONE GAUGE WITH THE MANDELSTAM–LEIBBRANDT PRESCRIPTION. M. S. Milgram and H. C. Lee, *Atomic Energy of Canada, Ltd., Chalk River Nuclear Laboratories, Chalk River, Ontario, CANADA.*

THE NUMEROV METHOD AND SINGULAR POTENTIALS. L. Gr. Ixaru, *Institute of Physics and Nuclear Engineering, Bucharest, ROMANIA.*

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