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APPLICATION OF A LOG-LINEAR ELEMENT TO A FINITE-ELEMENT BOUNDARY-LAYER FLOW MODEL. E. S. Takle and J. M. Leone, Jr., *Climatology/Meteorology, 310 Curtiss Hall, Iowa State University, Ames, IA 50011, USA.*

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NOTE ON THE CALCULATION OF EIGENVALUES FOR THE STATIONARY PERTURBATION OF POISEUILLE FLOW. J. S. Bramley, *Department of Mathematics, University of Strathclyde, Livingstone Tower, 26 Richmond Street, Glasgow G1 1XH, ENGLAND.*

GUIDING CENTER DISPERSION FUNCTION. P. Similon, J. Sedlak, D. Stotler, H. Berk, W. Horton and D. Choi, *Institute for Fusion Studies, The University of Texas, Austin, TX 78712, USA.*

SOLVING THE SECULAR EQUATION INCLUDING SPIN ORBIT COUPLING FOR SYSTEMS WITH INVERSION AND TIME REVERSAL SYMMETRY. Jack J. Dongarra, *Mathematics and Computer Science Division-221, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439, USA.*

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