

contributed papers, some of them, like the paper by J. Ruge & K. Stüben on algebraic multigrid methods (44 pp.), themselves substantial contributions.

W. G.

22[65-06, 65L10].—U. M. ASCHER & R. D. RUSSELL (Editors), *Numerical Boundary Value ODEs*, Progress in Scientific Computing, Vol. 5, Birkhäuser, Boston, 1985, xii + 317 pp., 23 cm. Price \$34.95.

These are the proceedings of an international workshop held in Vancouver, Canada, July 10–13, 1984. There are 18 contributions reviewing recent progress in the numerical solution of two-point boundary value problems. They are grouped into five sections entitled: Conditioning, dichotomy and related numerical considerations; Implementation aspects of various methods; Singular perturbation (“stiff”) problems; Bifurcation problems and delay differential equations; Special applications.

W. G.