

The volume reflects the diversity of background, motivation, goals, and methods of those presently engaged in this active research area.

The editors are to be congratulated for having succeeded in persuading the contributors to use a unified  $\text{\TeX}$  format, producing so handsome a book that one is even tempted to look for an index.

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**25[65–06].**—S. GÓMEZ, J. P. HENNART & R. A. TAPIA (Editors), *Advances in Numerical Partial Differential Equations and Optimization*, SIAM Proceedings Series, SIAM, Philadelphia, PA, 1991, xii + 365 pp., 25½ cm. Price: Softcover \$47.50.

These are the proceedings of the Fifth Mexico-United States Workshop on Numerical Analysis held January 26, 1989, in Merida, Yucatan, Mexico. Like the preceding workshops, it was mainly concerned with current research on the numerical aspects of optimization, linear algebra, and partial differential equations. The present volume contains 22 contributions.

W. G.