

Advanced Topics in Multivariate Approximation, F. Fontanella, K. Jetter, and P. J. Laurent, Eds., Series in Approximations and Decompositions **8**, World Scientific, Singapore, 1996, xvi + 380 pp.

These are the proceedings of an international workshop organized by the University of Firenze, which was held in Montecatini, Italy, September 27–October 3, 1995. There are 24 refereed papers and some of the topics covered in this volume are wavelets and multi-resolution analysis, multidimensional interpolation and smoothing, computer-aided geometric design, subdivision algorithms, constrained approximation and shape-preserving algorithms, thin plate splines, radial basis functions, surface reconstructions, algebraic curves and surfaces, and neural networks.

ARTICLE NO. AT973155

Parametric Optimization and Related Topics IV, J. Guddat, H. Th. Jongen, F. Nozicka, G. Still, and F. Twilt, Eds., Approximation and Optimization **9**, Verlag Peter Lang, Frankfurt, 1997, 382 pp.

This volume contains 25 refereed papers presented at the *Fourth International Conference on Parametric Optimization and Related Topics*, held in Enschede, The Netherlands, June 6–9, 1995. The presented papers are topical and original studies reflecting recent results in current directions of research in the theory and applications of parametric optimization.

ARTICLE NO. AT973156