

the literature which is confined to "Bibliographic Notes" (pp. 347–350) is too brief for a book of this length on a subject with such a rich history. Apart from these points, I enjoyed reading the book. I would recommend the book for any library which already includes [1] and [2] because the work of Stepanets continues the traditions of these classic works and it is easier to read.

REFERENCES

1. N. P. Korneichuk, "Exact Constants in Approximation Theory," Cambridge Univ. Press, Cambridge, 1991.
2. A. F. Timan, "Theory of Approximation of Functions of a Real Variable," Dover, New York, 1994.

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Proceedings

R. V. M. Zahar, Ed., *Approximation and Computation: A Festschrift in Honor of Walter Gautschi*, International Series of Numerical Mathematics, **119**, Birkhauser, Boston, 1994, xlvii + 593 pp.

The 65th birthday of Walter Gautschi provided an opportune moment for an international symposium in his honor. The conference took place in West Lafayette, Indiana, from December 2 to 5, 1993. The main themes were Gautschi's principal interests: approximation, orthogonal polynomials, quadrature, and special functions. Approximately 80 scientists attended the conference, and in this book there are 38 contributions which were all fully refereed. Walter Gautschi wrote a very entertaining personal account, *Reflections and Recollections*, illustrated with some very nice pictures. This is certainly recommended reading. A list of publications of Walter Gautschi containing 150 items is also included.

J. S. Byrnes, J. L. Byrnes, K. A. Hargreaves, and K. Berry, Eds., *Wavelets and Their Applications*, NATO ASI, Series C: Mathematical and Physical Sciences **442**, Kluwer, Dordrecht, 1994, xii + 415 pp.

This volume contains 19 papers presented at the NATO Advanced Study Institute on *Wavelets and Their Applications*, held at Il Ciocco resort near Lucca, Italy, between August 16 and 29, 1992. Many of the world's experts in the field of wavelets were principal speakers. Papers in these proceedings include applications of wavelets to random processes, time-frequency estimation in general and Gabor representations in particular, wavelet packets for data compression, multiscale statistical modeling, applications of frame-like expansions, Clifford wavelets and Hardy spaces (for solving partial differential equations), group representations, the continuous wavelet transform and the generalized modulus of continuity, perturbations of the dilation equation, and neural networks.

S. P. Singh, Ed., *Approximation Theory, Wavelets and Applications*, NATO ASI, Series C: Mathematical and Physical Sciences **454**, Kluwer, Dordrecht, 1995, xxiii + 572 pp.

These are the proceedings of the NATO Advanced Study Institute on recent developments in approximation Theory, wavelets, and applications, held at the Hotel Villa del Mare, in Maratea, Italy, from May 16 to 26, 1994. As usual, the proceedings of NATO Advanced Study Institutes contain valuable surveys together with up-to-date developments of the subject. This is usually of great help in giving direction for future research and it stimulates