G. A. ANASTASSIOU, Ed., *Approximation Theory*, Lecture Notes in Pure and Applied Mathematics, Vol. **138**, Dekker, 1992, 552 pp.

This book contains 34 refereed research papers presented at the Sixth Southeastern Approximation Theory Conference (Memphis State University, 1991). Topics covered include approximation by algebraic polynomials, minimal projections, rational approximation, Birkhoff interpolation, continued fractions and orthogonal polynomials, best approximation in various spaces, differential and difference equations, and other contributions of current interest. These proceedings are dedicated to Vasil A. Popov with an obituary by K. G. Ivanov and Bl. Sendov and a list of Popov's publications.

S. CLEMENT COOPER AND W. J. THRON, Eds., *Continued Fractions and Orthogonal Functions*, Lecture Notes in Pure and Applied Mathematics, Vol. **154**, Dekker, 1994, xiii + 379 pp.

This volume contains the proceedings of a research seminar–workshop held in Loen, Norway, from June 21 until July 4, 1992. A small group of mathematicians (15) participated in this meeting and have presented their work in 16 papers dealing with strong moment problems, orthogonal (Laurent) polynomials, linear fractional transformations, convergence results for continued fractions, and frequency analysis using Szegő polynomials.

K. JETTER AND F. I. UTRERAS, Eds., *Multivariate Approximation: From CAGD to Wavelets*, Series in Approximations and Decompositions, World Scientific, 1993, xiv + 333 pp.

This book presents the proceedings of an international workshop held in Santiago, Chile, September 24–30, 1992. It contains 20 fully refereed contributions on polynomial approximation and interpolation, radial basis functions, neural networks, multivariate B-splines, multiresolution analysis and wavelets, and other methods and techniques of approximation theory for computer aided geometric design. This workshop was the third of a series of conferences started in Santiago in 1986, and continued in Duisburg in 1989. The next workshop is scheduled to take place in Florence in 1995.

Collected Works

G. VAN DIJK, Ed., *T. J. Stieltjes: Œuvres Complètes—Collected Papers*, Springer-Verlag, 1993. Two volumes: Vol I, ix + 566 pp.; Vol II, vi + 750 pp.

In 1894, the Dutch–French mathematician Thomas Jan Stieltjes (junior) died, and now, a century later, it was decided to publish a new edition of his collected papers. The present edition is mainly a reissue of the *Œuvres Complètes* as published by Noordhoff, Groningen in 1914–1918. New to this issue are a short biographical note (by G. van Dijk) and four contributions commenting on Stieltjes' work on orthogonal polynomials and continued fractions (by W. Van Assche), number theory (by F. Beukers), the Stieltjes integral (by W. A. J. Luxemburg), and Stieltjes' assertions on the Riemann hypothesis (by H. J. J. te Riele). This issue also contains an English translation of his most important work *Recherches sur les fractions continues* and of his one page "proof" *Sur une fonction uniforme*.