



Special Issue: OPSFA 2011, Madrid, Spain

JOURNAL OF Approximation Theory

Editors-in-Chief: Paul Nevai and Amos Ron

Book Review Editor: Andrei Martínez-Finkelshtein

Editorial Board

Heinz H. Bauschke
Ranko Bojanic
Carl de Boor
Peter B. Borwein
Aldric L. Brown
Martin Buhmann
E. W. Cheney
Charles K. Chui
Patrick Louis Combettes
Wolfgang Dahmen
Feng Dai
Serguei Denissov
Frank Deutsch
Ronald A. DeVore
Zeev Ditzian
Nira Dyn
Tamás Erdélyi
Hans G. Feichtinger
Leonid Golinskii

Manfred v. Golitschek
Karlheinz Groechenig
Bin Han
Mourad Ismail
Rong-Qing Jia
Michael J. Johnson
Sergey Khrushchev
Kirill Kopotun
András Kroó
Arno B. J. Kuijlaars
Dany Leviatan
Guillermo López Lagomasino
Doron S. Lubinsky
Alphonse P. Magnus
Francisco Marcellán
Andrei Martínez-Finkelshtein
Hrushikesh N. Mhaskar
Charles A. Micchelli
Rolf J. Nessel

Günther Nürnberger
Peter Oswald
Allan Pinkus
Ulrich Reif
Edward B. Saff
Robert Schaback
Zuowei Shen
Barry Simon
József Szabados
Vladimir N. Temlyakov
Vladimir M. Tikhomirov
Vilmos Totik
Walter Van Assche
Hans Wallin
Joseph D. Ward
Przemyslaw Wojtaszczyk
Roderick Wong
Yuan Xu
Ding-Xuan Zhou

Founding Editor: Oved Shisha

Editor 1990–2000: Allan Pinkus

Available online at www.sciencedirect.com

SciVerse ScienceDirect



CONTENTS

Abstracted/Index in Mathematical Reviews and MathSciNet, Thomson Scientific's Science Citation Index, Zentralblatt MATH, Computing Reviews, Current Index to Statistics, Current Mathematical Publications, and INSPEC. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.

Special Issue: OPSFA 2011, Madrid, Spain

G. López Lagomasino, A. Martínez Finkelshtein, P. Nevai and W. Van Assche. OPSFA'11	1
F. Ndayiragije and W. Van Assche. Asymptotics for the ratio and the zeros of multiple Charlier polynomials	3
L.M. Navas, F.J. Ruiz and J.L. Varona. Asymptotic behavior of the Lerch transcendent function	21
R. Álvarez-Nodarse and R. Sevinik Adigüzel. On the generalized Askey–Wilson polynomials	32
A. Hardy and A.B.J. Kuijlaars. Weakly admissible vector equilibrium problems	44
J. Cacoq, B. de la Calle Ysern and G. López Lagomasino. Incomplete Padé approximation and convergence of row sequences of Hermite–Padé approximants	59
B.Xh. Fejzullahu, F. Marcellán and J.J. Moreno-Balcázar. Jacobi–Sobolev orthogonal polynomials: Asymptotics and a Cohen type inequality	78
A.M. Delgado, T.E. Pérez and M.A. Piñar. Sobolev-type orthogonal polynomials on the unit ball	94
J. Segura. On bounds for monotonic first order differential systems and the Liouville–Green approximation	107
I. Lamiri. d -orthogonality of discrete q -Hermite type polynomials	116
M.P. Alfaro, M. Bello-Hernández and J.M. Montaner. On the zeros of orthogonal polynomials on the unit circle	134
F. Lledó. On spectral approximation, Følner sequences and crossed products ..	155
B. Simanek. Asymptotic properties of extremal polynomials corresponding to measures supported on analytic regions	172
J. Wan and W. Zudilin. Generating functions of Legendre polynomials: A tribute to Fred Brafman	198

For a full and complete Guide for Authors, please go to: <http://www.elsevier.com/locate/jat>

Journal of Approximation Theory has no page charges.

