

Tuesday, 11 July 2017

Morning

10:00 - 10:30

Coffee Break

Hour\Chair	Chiang	Simon	Wulan	Vidras	Auzinger
10:30-11:00	Kilgore	Lingham	Jacobzon	Bandura	Hojjati
11:05-11:35	Mihokovic	Barnard	Żynda	Trybucka	Hosseini
11:40-12:10	Riser	Barnard	Elin	Wójcicki	Javidi
12:15-12:45	Simanek	Śmiarowska	Leka	Lorentzen	Kheiri

Theodore Kilgore, *Constructive proof of the Weierstrass Theorem for weighted functions on unbounded intervals*

Lenka Mihokovic, *Asymptotic expansions of some n-variable means*
 Roman Riser, *Universal subleading asymptotics of planar orthogonal polynomials*
 Brian Simanek, *Asymptotically optimal point configurations for Chebyshev constants*

Eleanor Lingham, *Hayman's List - an update*
 Roger Barnard, Alex Solynin *Applications of a "Two Point Boundary Variation"*
 Barbara Śmiarowska, *On the Julia-Carathéodory Theorem for functions with fixed initial coefficients*

Fiana Jacobzon, *Holomorphic semicycles in Banach spaces*
 Tomasz Łukasz Żynda, *Some properties of the Szegő kernel*
 Mark Elin, *Fixed points of holomorphic mappings*
 Zoltan Leka, *A Leibniz-type rule for random variables*

Andriy Bandura, *Growth estimate of entire functions of bounded L-index in joint variables*

Edyta Trybucka, *Extremal problems of some family of holomorphic functions of several complex variables*

Paweł Wójcicki, *Bergman kernels and domains of holomorphy*
 Lisa Lorentzen, *Almost all continued fractions converge*

Gholam Reza Hojjati, *Multistage-multivalued methods with inherent stability property for ordinary differential equations*

Seyyed Ahmad Hosseini, *On the numerical solution of nonlinear systems of Delay Volterra integro-differential equations with constant delay*

Mohammad Javidi, *A new numerical differentiation formula to approximate the fractional differential equations*

Hossein Kheiri, *Synchronization and anti-synchronization of fractional order chaotic systems and their application in secure communication*

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Afternoon

15:30 - 16:00

Coffee Break

Hour\Chair	Ptak	Bshouty	Salinas	Barnard	Semmler
16:00-16:30	Aygar	Lyzzaik	Bucur	Rodrigues	Krulic Himmelreich
16:35-17:05	Danielyan	Dorff	Buric	Vieira	Kalmykov
17:10-17:40	Korhonen T.	Michalski	Karp	Abdi Kalasour	Ribicic Penava
17:45-18:15		Kalaj	Prilepkina	Syam	Krnic

Yelda Aygar ,
Arthur Danielyan,
Taneli Korhonen,

On the spectral analysis of a discrete Sturm--Liouville equation
Interpolation by bounded analytic functions and related questions
Zero sequences and factorization for weighted Bergman spaces

Abdallah Lyzzaik,
Michael Dorff,
Andrzej Michalski,

Planar harmonic mappings of bounded boundary rotation
Convolutions of univalent harmonic strip mappings
Univalence criteria for local homeomorphisms with application to planar harmonic mappings

David Kalaj,

Muckenhoupt weights and Lindelöf theorem for harmonic mappings

Iulia-Roberta Bucur,
Tomislav Buric,

On some new results related to special functions
New asymptotic expansions and improvements of approximation formulas for the gamma function

Dmitrii Karp,

Logarithmic convexity and concavity of generalized hypergeometric functions with respect to multiple parameter shifts

Elena Prilepkina,

Applications of integral representations of generalized hypergeometric functions

M. Manuela Rodrigues,

Some results concerning the fundamental solution for the time-fractional telegraph equation in higher dimensions

Nelson Vieira,

Fundamental solution of the time-fractional telegraph Dirac operator

Ali Abdi Kalasour,

Geometric second derivative numerical methods for solving Hamiltonian problems

Muhammed Syam,

Numerical computation of fractional second-order Sturm-Liouville problems

Kristina Krulic Himmelreich,
Sergei Kalmykov,
Mihaela Ribicic Penava,
Mario Krnic,

Generalizations and refinements of Opial type inequalities
Rational Bernstein- and Markov-type inequalities
Weighted Ostrowski and Grüss type inequalities with applications
More accurate Jensen-type inequalities obtained via linear interpolation and applications