

SCIENTIFIC PROGRAM RoGer 2017

Friday, April 21, 2017

Saturday, April 22, 2017

8:30 – 9:50 Registration	
9:50-10:00 Opening ceremony	
Lectures 10:00-12:10 Chair : Ioan Rasa	Lectures 9:00-10:45 Chair : Heiner Gonska
10:00-10:25 Heiner Gonska , University of Duisburg-Essen, Germany, <i>On decomposing the Bernstein operator</i>	9:00-9:25 Ulrich Abel , Technische Hochschule Mittelhessen, Germany, <i>Asymptotic properties and operator norms of Gauss-Weierstrass operators and their left quasi interpolants</i>
10:30-10:50 Marius Birou , Technical University of Cluj-Napoca, Romania, <i>Quantitative results for the iterates of some positive and linear operators</i>	9:30-9:50 Radu Paltanea , Transilvania University of Brasov, Romania, <i>New weighted estimates with moduli of continuity</i>
10:55-11:15 Nicusor Minculete , Transilvania University, Brasov, Romania, <i>About some inequalities in an inner product space</i>	9:55-10:15 Ioan Gavrea , Technical University of Cluj-Napoca, Romania, <i>On positive linear operators with equidistant nodes having uniform Jackson order of approximation</i>
11:20-11:40 Calin-Ioan Gheorghiu , Tiberiu Popoviciu Institute of Numerical Analysis, Romanian Academy, Cluj-Napoca, Romania, <i>Spectral collocation for problems on unbounded domains</i>	10:20-10:40 Sorin G. Gal , University of Oradea, Romania, <i>Quantitative estimates in approximation by Choquet type integral operators</i>
11:45-12:05 Ana-Maria Acu and Carmen-Violeta Murariu (Popescu)* , Lucian Blaga University, Sibiu, Romania and Vasile Alecsandri University, Bacau, Romania, <i>On a modification of Srivastava-Gupta operators</i>	10:45-11:15 Coffee Break
12:10-14:10 Lunch	Lectures 11:15-12:55 Chair : Sorin G. Gal
Lectures 14:10 - 15:55 Chair : Octavian Agratini	11:15-11:35 Bogdan Gavrea , Technical University of Cluj-Napoca, Romania, <i>On a class of stochastic optimization problem</i>
14:10-14:35 Margareta Heilmann* and Ioan Rasa , University of Wuppertal, Germany and Technical University of Cluj-Napoca, Romania, <i>A new representation for a link between Bernstein-Durrmeyer and Kantorovich operators</i>	11:40-12:00 Alexandru Bica* and Eugen Laslo , University of Oradea, Romania, <i>The method of iterated splines for integral equations with vanishing delay</i>
14:40-15:00 Ioan Rasa , Technical University of Cluj-Napoca, Romania, <i>The index of coincidence for the binomial distribution is log-convex</i>	11:05-12:25 Alexandru Bica and Eugen Laslo* , University of Oradea, Romania, <i>Optimal criteria for fitting splines</i>

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15:05-15:25 Voichita Adriana Radu* and Ana-Maria Acu , Babes-Bolyai University, Romania and Lucian Blaga University, Romania, <i>About an inverse form of Bernstein operators</i>	12:30-12:50 Sever Hodis and Laura Mesaros , Technical University of Cluj-Napoca, Romania, <i>A Thunsdorff type inequality</i>
15:30-15:50 Vlad Ciobotariu-Boer , Avram Iancu High School, Cluj-Napoca, Romania, <i>On some common generalizations of two classes of integral inequalities for twice differentiable functions</i>	12:55-14:55 Lunch
15:55-16:25 Coffee Break	Lectures 14:55- 16:45 Chair : Radu Paltanea
Lectures 16:25 – 18:05 Chair : Ulrich Abel	14:55-15:15 Ana-Maria Acu* and Tuncer Acar , Lucian Blaga University, Sibiu, Romania and Kirikkale University, Turkey, <i>Approximation of functions by genuine Bernstein-Durrmeyer type operators</i>
16:25-16:45 Octavian Agratini , Babes-Bolyai University of Cluj-Napoca, Romania, <i>The study of some generalizations obtained from an approximation process</i>	15:20-15:40 Ana Maria Acu and Augusta Ratiu* , Lucian Blaga University, Sibiu, Romania, <i>Convergence properties of certain positive linear operators</i>
16:50-17:10 Lucian Coroianu , University of Oradea, Romania, <i>Some applications obtained from the Lipschitz continuity of solutions of quadratic programs</i>	15:45-16:05 Mihaela Smuc , Transilvania University of Brasov, Romania, <i>Convergence of generalized (p, q)-Bernstein polynomials</i>
17:15-17:35 Emilia Pop* and Dorel I. Duca , High School Sports and Babes-Bolyai University, Cluj-Napoca, Romania, <i>Applications in scalar optimization</i>	16:10-16:30 Adonia-Augustina Opris , Technical University of Cluj-Napoca, Romania, <i>About a family of Bernstein operators</i>
17:40-18:00 Larisa Cheregi , Technical University of Cluj-Napoca, Romania, <i>B-spline curve approximation and its applications in medical image data</i>	16:35-16:45 Closing ceremony
19:00-22:00 WELCOME SEMINAR DINNER	