



Thu-05-July- 2018			اتاق سمینار دانشکده ریاضی			ICBVPA		
Subject:			Speaker			Time		
One more step towards modern modeling			پروفیسور رضاپور			8:30-9:30		
A work on the interval stability of impulsive systems with time-lag			Prof. Cemil Tunc			9:30-10:30		
پذیرایی						10:30-11:00		



Thu-05-July- 2018 ICBVPA		Room:A	
Subject: PDEs and application	Speaker	Time	
Chair: Dr. Javidi			
Solutions of linear and nonlinear schrodinger equations by using reduced differential transform method	S.R. Moosavi noori	11:00- 11:15	
A new double-step method for solving complex helmholtz equation	T. Salimi Siahkolaei	11:20- 11:35	
Vulnerable Asian option pricing modeling by partial differential equation	M. Bidarvand , Ali Safdari-Vaighani	11:40-11:55	
Convergence and stability of modified fully implicit milstein scheme for stochastic differential equations	O. Farkhondeh rouz	12:00-12:15	
Design of Visco-elastic dampers for structures based on fractional differential equations	E. Dadkhah Khiabani	12:20-12:35	
Adams Methods for fractional differential equations	S. Irandoust-Pakchin	12:40-12:55	
	Lunch & Praying time	13:00-14:30	
Chair: Dr. Ahmadian			
Existence and uniqueness of positive solutions for fractional partial differential equations	H. Afshari	14:30-14:45	
APPROXIMATE NONCLASSICAL SYMMETRIES FOR THE TIME-FRACTIONAL KDV EQUATIONS WITH SMALL PARAMETER	R. NAJAFI	14:50-15:05	
Analytical solution of unsteady unidirectional flows of Oldroyd-B fluid with fractional derivative	S. Saghali	15:10-15:25	
Differential calculus interval functions	E. Massah Maralani	15:30-15:45	
		15:50-16:05	



Thu-05-July- 2018 ICBVPA		Room:B
Subject: O.D.Es and Applications	Speaker	Time
Chair: Dr. Dastmalchi		
Solving third-order singularly perturbed problems using rational pseudospectral methods	H. Jafari	11:00- 11:15
Recovering Sturm–Liouville operator with two interior discontinuities	I. Dehghani	11:20- 11:35
Numerical solution of the Navier-Stokes equation for incompressible flow in rectangular cavity by the method of line	A. Abedini Abdoul	11:40-11:55
On the eigenvalues of a non-linear Sturm-Liouville boundary value problem	F. Kiyaei	12:00-12:15
Existence and uniqueness of positive solutions for nonlinear Langevin equation involving two fractional orders	KHADIJEH HOSSEINZADEH	12:20-12:35
Application of fuzzy transform to Fredholm-Volterra integro-differential equations	M. Ganje Alamdary	12:40-12:55
	<b>Lunch &amp; Praying time</b>	13:00-14:30
Chair: Dr. Abdi		
<b>Solution of nonlinear heat equation by fuzzy transform method</b>	M. Zeinali	14:30-14:45
Properties of solutions to a class of discrete fractional problem	T. Haghii	14:50-15:05
The recursive method for computing eigenvalues of non-definite Sturm-Liouville problem	F. Dastmalchi Saei	15:10-15:25
		15:30-15:45



Thu-05-July- 2018	Room:C	ICBVPA
<b>Subject:</b> Control and Optimization Free Boundary Problems Scientific Computation and Numerical Algorithms Topological Methods and Fixed Points	Speaker	Time
Chair: Dr. Kheiri		
An efficient hybrid method for solving optimal control of volterra integro-differential equations	M. Alipour	11:00- 11:15
Solving fractional optimal control problems by hermite polynomials	A. Yari	11:20- 11:35
On existence of tube solution for fractional hybrid differential equations	P.A. kaffae	11:40-11:55
The Muntz-Jacobi collocation method for solving fractional differential algebraic equations	F. Ghanbari	12:00-12:15
AN ANALYTICAL AND APPROXIMATE SOLUTION FOR LINEAR VOLTERRA PARTIAL INTEGRO-DIFFERENTIAL EQUATION WITH A WEAKLY SINGULAR KERNEL USING THE FRACTIONAL DIFFERENTIAL TRANSFORM METHOD	R. GHOOCHANI-SHIRVAN	12:20-12:35
FUNDAMENTAL SOLUTIONS TO FRACTIONAL DIFFERENTIAL EQUATIONS WITH CAPUTO-FABRIZIO DERIVATIVE	ZHALEH RAZAVIPOUR	12:40-12:55
	<b>Lunch &amp; Praying time</b>	13:00-14:30
Chair: Dr. Kheiri		
A BANACH FIXED POINT ON WEAKLY CONTRACTIVE MAPPINGS	F. Fogh	14:30-14:45
A solution of fractional differential equations via coupled fixed point	H. Afshari	14:50-15:05
RELATION BETWEEN $\phi$ CONTRACTION AND $\phi$ delta contraction	F. Fogh	15:10-15:25
		15:30-15:45



Thu-05-July- 2018	Room:D	ICBVPA
Subject:	Speaker	Time
Scientific Computation and Numerical Algorithms <b>Modelling and Math Biology</b>		
Chair: Dr. Shahmorad		
Regular Fredholm Integral Equations of First Kind and Chain Least Squares method	A. Abdollahi	11:00- 11:15
<b>A chebyshev spectral method based on operational matrix for integral equation of the second kind</b>	B. Shiri	11:20- 11:35
Network-oriented adaptive fault detection and diagnostic algorithms for real-time agent systems	M. Jodayree	11:40-11:55
Chain Least Squares Method for Numerical Solutions of Second Order Differential Equations	A. Abdollahi	12:00-12:15
Scalarization method in equilibrium problems	M. Omidi	<b>12:20-12:35</b>
An influenza model with multiple infectious stages	A. Jabbari	<b>12:40-12:55</b>
	<b>Lunch &amp; Praying time</b>	<b>13:00-14:30</b>
Chair: Dr. Lakestani		
Chaotic behaviour of a fractional order self-exciting faraday disk homopolar dynamo	M. Javidi	<b>14:30-14:45</b>
Approximation of Stochastic Advection Diffusion Equations with Stochastic Crank-Nicolson Scheme	M. Namjoo	<b>14:50-15:05</b>
<b>Numerical study of drug delivery from a biodegradable polymer by considering surface erosion</b>	E. Azhdari	<b>15:10-15:25</b>
Vessel extraction by using the Q-shift dual-tree filter	F. Abdollahi	<b>15:30-15:45</b>



برنامه زمان‌بندی سخنرانی‌های اولین کنفرانس بین‌المللی مسائل مقدار مرزی و کاربردهای آن

