انجمن ریاضی ایران

دانشگاه شهید باهنر کرمان

1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021

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Conference Program

پنجاه و دومین کنفرانس ریاضی ایران

52nd Annual Iranian Mathematics Conference

Faculty of Mathematics and Computer
Shahid Bahonar University of Kerman
Kerman, Iran
30 August - 02 September 2021

دانشکده ریاضی و کامپیوتر
دانشگاه شهید باهنر کرمان
۸ تا ۱۱ شهریور ۱۴۰۰

https://aimc52.uk.ac.ir aimc52@conf.uk.ac.ir +98 34 33257280

Shahdad Kalouts, Kerman, Iran

کلوت‌های شهداد، کرمان

The 52nd Annual Iranian

Mathematics Conference

Faculty of Mathematics and Computer & Mahani Mathematical Research Center

Shahid Bahonar University of Kerman, Kerman, Iran

30 August - 2 September, 2021

Conference Program

Dedicated to Alireza Afzalipour and Fakhereh Saba,
the Founders of Kerman University

General Information

We would like to inform you that in order to attend the Conference virtually, you are required to install both Adobe Connect and Adobe Flash Player on your device. For devices using *Windows*, *MacOS*, *Android*, and *iOS*, you can install the above-mentioned applications by clicking on this link. Then, please take the following steps to enter the meeting:

1. Open the Adobe Connect,
2. Copy and paste the related link (for example, http://aimc52.ir/main), and then press the Continue button,
3. Type your name as a guest and enter the room.

Moreover, we should mention that

1. The details and related links of the Seminar programs can be seen at https://aimc52.uk.ac.ir.
2. Only the Plenary and Invited Talks are presented in English, and the sessions Opening, Closing, Parallel Lectures and Posters are presented in Persian.
3. The duration of each Plenary Talk is 60 minutes and 30 minutes for questions.
4. The duration of each Invited Talk is 45 minutes and 15 minutes for questions.
5. The duration of each Lecture is 15 minutes and 5 minutes for questions.
6. Each Poster is only presented for 30 minutes.
7. The Opening and Closing will be at the link M.
8. The Plenary and Invited Talks will be at the links M and Z.
9. The Lectures will be at the links T1, T2, T3, T4, T5, T6 and T7.
10. The Posters will be at the links P1, P2, P3, P4, P5, P6 and P7.
11. The Break and Networking will be at the link B.
12. The Meeting will be at the link M.
13. The Annual Gathering of Women will be at the link M.

For any questions or information, please contact the Conference Secretariat on the details below:

Website: https://aimc52.uk.ac.ir

Contact Email: aimc52@conf.uk.ac.ir

Contact Phone: 03433257280

Address: Faculty of Mathematics and Computer & Mahani Mathematical Research Center, Shahid Bahonar University of Kerman, Kerman, Iran

Address Links:

Link M: https://online1.uk.ac.ir/c_main
Link Z: https://us06web.zoom.us/j/88257919679 **Meeting ID:** 882 5791 9679

Link T1: https://online1.uk.ac.ir/c_talk1
Link T2: https://online1.uk.ac.ir/c_talk2
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Link T4: https://online1.uk.ac.ir/c_talk4
Link T5: https://online1.uk.ac.ir/c_talk5
Link T6: https://online1.uk.ac.ir/c_talk6
Link T7: https://online1.uk.ac.ir/c_talk7

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Link P2: https://online1.uk.ac.ir/c_poster2
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Link P4: https://online1.uk.ac.ir/c_poster4
Link P5: https://online1.uk.ac.ir/c_poster5
Link P6: https://online1.uk.ac.ir/c_poster6
Link P7: https://online1.uk.ac.ir/c_poster7

Link B: https://online1.uk.ac.ir/c_break

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Time	August 30
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10:30 AM - 11:00 AM	Break and Networking
11:00 AM - 12:30 AM	Plenary Talk
12:30 AM - 2:00 PM	Lunch Break
2:00 PM - 3:00 PM	Invited Talk
3:05 PM - 4:15 PM	Parallel Lectures
4:15 PM - 4:30 PM	Break and Networking
4:30 PM - 6:30 PM	Parallel Lectures
6:30 PM - 7:00 PM	Break and Networking
7:00 PM - 8:00 PM	Invited Talk
8:00 PM - 8:15 PM	Break and Networking
8:15 PM - 9:45 PM	Plenary Talk

Timetable
(Iran Daylight Time (GMT+4:30))

Time	August 31	September 1	September 2
8:00 AM - 9:00 AM	Invited Talk	Invited Talk	Invited Talk
9:05 AM - 10:15 PM	Parallel Lectures	Parallel Lectures	Parallel Lectures
10:15 AM - 10:30 AM	Break and Networking		
10:30 AM - 12:30 AM	Parallel Lectures	Parallel Lectures	Parallel Lectures
12:30 AM - 1:30 PM	Lunch Break		
1:30 PM - 2:00 PM	Parallel Posters	Parallel Posters	Parallel Posters
2:00 PM - 3:00 PM	Invited Talk	Invited Talk	Invited Talk
3:05 PM - 4:15 PM	Parallel Lectures	Parallel Lectures	Parallel Lectures
4:15 PM - 4:30 PM	Break and Networking		
4:30 PM - 6:30 PM	Panel	Annual Gathering of Women	Panel
6:30 PM - 7:00 PM	Break and Networking		
7:00 PM - 8:00 PM	Invited Talk	Invited Talk	Invited Talk
8:00 PM - 8:15 PM	Break and Networking		
8:15 PM - 9:45 PM	Plenary Talk	Plenary Talk	Closing

Conference Program

Day 1: Monday, August 30

(Iran Daylight Time (GMT+4:30))

Time	Title
8:15 AM - 10:30 AM	Opening
10:30 AM - 11:00 AM	Break and Networking
11:00 AM - 12:30 AM	Plenary Talk Esfandiar Eslami
12:30 AM - 2:00 PM	Lunch Break
2:00 PM - 3:00 PM	Invited Talk Laure Saint-Raymond
3:05 PM - 4:15 PM	Parallel Lectures
4:15 PM - 4:30 PM	Break and Networking
4:30 PM - 6:30 PM	Parallel Lectures
6:30 PM - 7:00 PM	Break and Networking
7:00 PM - 8:00 PM	Invited Talk Rama Cont
8:00 PM - 8:15 PM	Break and Networking
8:15 PM - 9:45 PM	Plenary Talk Curtis T. McMullen

Conference Program

Day 2: Tuesday, August 31

(Iran Daylight Time (GMT+4:30))

Time	Title
8:00 AM - 9:00 AM	Invited Talk Hamid Reza Ebrahimi Vishki
9:05 AM - 10:15 AM	Parallel Lectures
10:15 AM - 10:30 AM	Break and Networking
10:30 AM - 12:30 AM	Parallel Lectures
12:30 AM - 1:30 PM	Lunch Break
1:30 PM - 2:00 PM	Parallel Posters
2:00 PM - 3:00 PM	Invited Talk Milan Hladik
3:05 PM - 4:15 PM	Parallel Lectures
4:15 PM - 4:30 PM	Break and Networking
4:30 PM - 6:30 PM	Panel
6:30 PM - 7:00 PM	Break and Networking
7:00 PM - 8:00 PM	Invited Talk Witold Pedrycz
8:00 PM - 8:15 PM	Break and Networking
8:15 PM - 9:45 PM	Plenary Talk David Eisenbud

Conference Program

Day 3: Wednesday, September 1

(Iran Daylight Time (GMT+4:30))

Time	Title
8:00 AM - 9:00 AM	Invited Talk Behnam Hashemi
9:05 AM - 10:15 AM	Parallel Lectures
10:15 AM - 10:30 AM	Break and Networking
10:30 AM - 12:30 AM	Parallel Lectures
12:30 AM - 1:30 PM	Lunch Break
1:30 AM - 2:00 PM	Parallel Posters
2:00 PM - 3:00 PM	Invited Talk Cheryl E. Praeger
3:05 PM - 4:15 PM	Parallel Lectures
4:15 PM - 4:30 PM	Break and Networking
4:30 PM - 6:30 PM	Annual Gathering of Women
6:30 PM - 7:00 PM	Break and Networking
7:00 PM - 8:00 PM	Invited Talk Siamak Yassemi
8:00 PM - 8:15 PM	Break and Networking
8:15 PM - 9:45 PM	Plenary Talk Dusa McDuff

Conference Program

Day 4: Thursday, September 2

(Iran Daylight Time (GMT+4:30))

Time	Title
8:00 AM - 9:00 AM	Invited Talk Ramin Javadi
9:05 AM - 10:15 AM	Parallel Lectures
10:15 AM - 10:30 AM	Break and Networking
10:30 AM - 12:30 AM	Parallel Lectures
12:30 AM - 1:30 PM	Lunch Break
1:30 AM - 2:00 PM	Parallel Posters
2:00 PM - 3:00 PM	Invited Talk Mohammad Safdari
3:05 PM - 4:15 PM	Parallel Lectures
4:15 PM - 4:30 PM	Break and Networking
4:30 PM - 6:30 PM	Panel
6:30 PM - 7:00 PM	Break and Networking
7:00 PM - 8:00 PM	Invited Talk Boris S. Mordukhovich
8:00 PM - 8:15 PM	Break and Networking
8:15 PM - 9:45 PM	Closing

Opening and Closing

Day 1: Monday, August 30

Time	Title	Link
8:15 AM - 10:30 AM	Opening	M

Link M: https://online1.uk.ac.ir/c_main

Chair : Sharifeh Rezagholi **Email:** sh_rezagholi79@yahoo.com

Coordinator : Amir Iranmanesh

Day 4: Thursday, September 2

Time	Title	Link
8:15 PM - 9:45 PM	Closing	M

Link M: https://online1.uk.ac.ir/c_main

Chair : Sharifeh Rezagholi **Email:** sh_rezagholi79@yahoo.com

Coordinator : Amir Iranmanesh

Plenary Talks

Plenary Talks

Day 1: Monday, August 30

Time	Speaker	Title	Link
11:00 AM - 12:30 AM	Esfandiar Eslami	Logic and its necessity	M or Z
8:15 PM - 9:45 PM	Curtis T. McMullen	Billiards and moduli spaces	M or Z

Link M: https://online1.uk.ac.ir/c_main

Link Z: https://us06web.zoom.us/j/88257919679 **Meeting ID:** 882 5791 9679

Chair 1: Ali Rejali **Email:** a.rejali@yahoo.com

Chair 2: Eaman Eftekhary **Email:** eaman.eftekhary@gmail.com

Coordinator 1: Amir Iranmanesh

Coordinator 2: Samie Baniasadi

Day 2: Tuesday, August 31

Time	Speaker	Title	Link
8:15 PM - 9:45 PM	David Eisenbud	Linearity in the resolution of monomial ideals	M or Z

Link M: https://online1.uk.ac.ir/c_main

Link Z: https://us06web.zoom.us/j/88257919679 **Meeting ID:** 882 5791 9679

Chair: Mohammad T. Dibaei **Email:** dibaeimt@ipm.ir

Coordinator : Fatemeh Rajabpour

Day 3: Wednesday, September 1

Time	Speaker	Title	Link
8:15 PM - 9:45 PM	Dusa McDuff	New developments in the symplectic embedding problem	M or Z

Link M: https://online1.uk.ac.ir/c_main

Link Z: https://us06web.zoom.us/j/88257919679 **Meeting ID:** 882 5791 9679

Chair: Ali Rajaei **Email:** alirajaei@modares.ac.ir

Coordinator : Mahshid Khalouie- Rezvan Iranmanesh

Invited Talks

Invited Talks

Day 1: Monday, August 30

Time	Speaker	Title	Link
2:00 PM - 3:00 PM	Laure Saint-Raymond	Dynamics of perfect gases: A statistical approach	M or Z
7:00 PM - 8:00 PM	Rama Cont	Stochastic calculus without probability: An analytical viewpoint	M or Z

Link M: https://online1.uk.ac.ir/c_main

Link Z: https://us06web.zoom.us/j/88257919679 **Meeting ID:** 882 5791 9679

Chair 1: Rahim Zaare Nahandi **Email:** rahimzn@ut.ac.ir

Chair 2: Mohammad Jelodari Mamaghani **Email:** imamaghan@yahoo.com

Coordinator 1: Pouya Heydarabadi

Coordinator 2: Narges Koohestani

Day 2: Tuesday, August 31

Time	Speaker	Title	Link
8:00 AM - 9:00 AM	Hamid Reza Ebrahimi Vishki	Pure and applied mathematics: Confrontation or interaction?!	M or Z
2:00 PM - 3:00 PM	Milan Hladik	Absolute value programming	M or Z
7:00 PM - 8:00 PM	Witold Pedrycz	Interpretability and explainability in data analytics: From data to information granules	M or Z

Link M: https://online1.uk.ac.ir/c_main

Link Z: https://us06web.zoom.us/j/88257919679 **Meeting ID:** 882 5791 9679

Chair 1: Mohammad Sal Moslehian **Email:** msmoslehian@gmail.com

Chair 2: Mohammad Ali Yaghoobi **Email:** yaghoobi@uk.ac.ir

Chair 3: Esfandiar Eslami **Email:** esfandiar.eslami@uk.ac.ir

Coordinator 1: Parisa Torabi

Coordinator 2: Fatemeh Afsharmanesh

Coordinator 3: Fatemeh Afsharmanesh

Day 3: Wednesday, September 1

Time	Speaker	Title	Link
8:00 AM - 9:00 AM	Behnam Hashemi	Least-squares spectral methods for solving operator eigenvalue problems	M or Z
2:00 PM - 3:00 PM	Cheryl E. Praeger	Codes and designs in Johnson graphs	M or Z
7:00 PM - 8:00 PM	Siamak Yassemi	Cohen-Macaulayness in a fixed codimension	M or Z

Link M: https://online1.uk.ac.ir/c_main

Link Z: https://us06web.zoom.us/j/88257919679 **Meeting ID:** 882 5791 9679

Chair 1: Davood Khojasteh Salkuyeh **Email:** khojasteh@guilan.ac.ir

Chair 2: Seyed Hassan Alavi **Email:** alavi.s.hassan@basu.ac.ir

Chair 3: Mohammad Ali Dehghan **Email:** dehghan@vru.ac.ir

Coordinator 1: Farideh Sabbah

Coordinator 2: Fatemeh Rajabpour

Coordinator 3: Narges Koohestani

Day 4: Thursday, September 2

Time	Speaker	Title	Link
8:00 AM - 9:00 AM	Ramin Javadi	Expanding properties of graphs and its applications in ramsey theory	M or Z
2:00 PM - 3:00 PM	Mohammad Safdari	Local and nonlocal equations with gradient constraints	M or Z
7:00 PM - 8:00 PM	Boris S. Mordukhovich	Variational analysis: What is this about?	M or Z

Link M: https://online1.uk.ac.ir/c_main

Link Z: https://us06web.zoom.us/j/88257919679 **Meeting ID:** 882 5791 9679

Chair 1: Amir Daneshgar **Email:** daneshgar@sharif.ir

Chair 2: Mohammad Mehdi Hosseini **Email:** mhosseini@uk.ac.ir

Chair 3: Hossein Mohebi **Email:** hmohebi@uk.ac.ir

Coordinator 1: Amir Iranmanesh

Coordinator 2: Fatemeh Afsharmanesh

Coordinator 3: Fatemeh Afsharmanesh

Annual Gathering

of Women

برنامه گردهمایی سالانه کمیته بانوان انجمن ریاضی ایران

چهارشنبه 10 شهریور 1400

ساعت 16:30 الی 18:45

	عنوان برنامه	زمان
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2	سخنرانی پروفسور منصور واعظ پور- رئیس انجمن ریاضی ایران	10 دقیقه
3	سخنرانی خانم دکتر اشرف دانشخواه- دبیر کمیته بانوان انجمن ریاضی ایران (ارائه گزارش سالیانه)	10 دقیقه
4	پخش کلیپ (معرفی کمیته بانوان)	2 دقیقه
5	سخنرانی پروفسور امیدعلی کرم زاده "چرا بعضی از نتایجم را در ریاضی دوست دارم؟"	60 دقیقه
6	پخش کلیپ (زنانی نامدار در عرصه ریاضیات- بخش دوم)	3 دقیقه
7	سخنرانی پروفسور ویکتوریا گولد (Victoria Gould) "Regularity properties of graph products"	45 دقیقه

Link M: https://online1.uk.ac.ir/c_main

Chair : Mojgan Mahmoudi **Email:** mojganmahmoudi@yahoo.com

Coordinator : Farideh Sabbah-Parisa Torabi

Panels

میزگردها

Day 2: Tuesday, August 31

Time	Title	Link
4:30 PM - 6:30 PM	تأثیر همه گیری کووید 19 بر آینده رشته ریاضی در دانشگاه	M

Link M: https://online1.uk.ac.ir/c_main

Chair : Zahra Gooya **Email:** zahra_gooya@yahoo.com

Coordinator : Parisa Torabi-Farideh Sabbah

Day 4: Thursday, September 2

Time	Title	Link
4:30 PM - 6:30 PM	چالشهای پیش رو در توسعه رشته‌های علوم ریاضی در ایران	M

Link M: https://online1.uk.ac.ir/c_main

Chair : Amir Daneshgar **Email:** daneshgar@sharif.ir

Coordinator : Fatemeh Afsharmanesh-Fatemeh Rajabpour

Parallel Lectures

Day 1

Parallel Lectures

Day 1: Monday, August 30, Time: 3:05 PM - 3:25 PM

Subject	Author(s)	Title	Link
Analysis	**Zohreh Rahbani***	**Frame-Type expansion of functions and modulation spaces**	T1
Numerical Analysis	**Marzieh Raei***	**A local meshless technique based on the closest point method for simulating three-dimensional variable coefficients reaction-diffusion Brusselator system on surfaces**	T2
Statistics & Probability	**Mehran Naghizadeh Qomi*, Zohre Mahdizadeh**	**Two stage shrinkage pretest procedure under a reflected gamma loss function**	T3
Algebra	**Nosratollah Shajareh Poursalavati***	**On the some properties of generalized groups**	T4
Differential Equations	**Tayebe Waezizadeh***	**A time delay model for COVID-19**	T5
Geometry & Topology	**Neda Ebrahimi ***	**Non- total imprisonment and Lorentzian length spaces**	T6

*: Speaker

Link T1: https://online1.uk.ac.ir/c_talk1
Chair: Rajab Ali Kamyabi Gol
Coordinator: Narges Koohestani

Link T2: https://online1.uk.ac.ir/c_talk2
Chair: Fatemeh Panjeh Ali Beik
Coordinator: Rezvan Iranmanesh

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Reza Pourmosa
Coordinator: Fatemeh Daryabeygi

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Alireza Ashrafi
Coordinator: Haniyeh Shahidi

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Davoud Mirzaei
Coordinator: Siavash Ebrahimi

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Mohammad Ebrahimi
Coordinator: Pouya Heydarabadi

Day 1: Monday, August 30, Time: 3:30 PM - 3:50 PM

Subject	Author(s)	Title	Link
Analysis	**Elahe Agheshte Moghadam*, Ali Akbar Arefijamaal**	**Iteration operator frames and their duals**	T1
Numerical Analysis	**Mohammad Sharifi*, Ali Abdi**	**Construction of implicit-explicit multivalued methods of high order and stage order for ODEs**	T2
Statistics & Probability	**Reza Etesami*, Mohsen Madadi, Mashaallah Mashinchi**	**Find the extreme points of the nonlinear algebraic equation based on the improved bisection method and the Monte Carlo method**	T3
Algebra	**Ashraf Daneshkhah***	**A classification of 2-designs admitting flag-transitive auto morphism groups**	T4
معادلات دیفرانسیل	زهرا دیهیم*، امید سلیمانی فرد	کنترل بهینه یک مدل دینامیکی بیماری کووید- ۱۹ مبتنی بر تاثیرات عوامل محیطی	T5
Geometry & Topology	**Mohammad Talebi***	**Analytic torsion on manifolds with fibred boundary metrics**	T6

*: Speaker

Link T1: https://online1.uk.ac.ir/c_talk1
Chair: Rajab Ali Kamyabi Gol
Coordinator: Narges Koohestani

Link T2: https://online1.uk.ac.ir/c_talk2
Chair: Fatemeh Panjeh Ali Beik
Coordinator: Rezvan Iranmanesh

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Reza Pourmosa
Coordinator: Fatemeh Daryabeygi

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Alireza Ashrafi
Coordinator: Haniyeh Shahidi

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Davoud Mirzaei
Coordinator: Siavash Ebrahimi

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Mohammad Ebrahimi
Coordinator: Pouya Heydarabadi

Day 1: Monday, August 30, Time: 3:55 PM - 4:15 PM

Subject	Author(s)	Title	Link
Analysis	**Morteza Rahmani***	**K-frames and Bessel sequences**	T1
Numerical Analysis	**Tahereh Eftekhari*, Jalil Rashidinia**	**Nonlinear stochastic differential equations and novel operational matrix method**	T2
Statistics & Probability	**Meisam Moghimbeygi*, Mousa Golalizadeh**	**Nonparametric regression modeling of shape data using ordinary procrustes analysis**	T3
Algebra	**Safoura Madady Moghadam*, Ali Iranmanesh**	**Characterization of some quasisimple and almost simple groups by their character degrees**	T4
Differential Equations	**Saeed Panahian Fard*, Akram Safari Hafshejani**	**Numerical solutions of a mathematical model for the spread of computer virus using an artificial neural networks**	T5
Geometry & Topology	**Nikrooz Heidari*, Seyed Mohammad Bagher Kashani, Mohammad Javad Vanaei**	**Reeb flat hypersurface in Q^m**	T6
Break and Networking			B

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Coordinator: Narges Koohestani

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Chair: Reza Pourmosa
Coordinator: Fatemeh Daryabeygi

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Chair: Alireza Ashrafi
Coordinator: Haniyeh Shahidi

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Davoud Mirzaei
Coordinator: Siavash Ebrahimi

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Mohammad Ebrahimi
Coordinator: Pouya Heydarabadi

Day 1: Monday, August 30, Time: 4:30 PM - 4:50 PM

Subject	Author(s)	Title	Link
Analysis	**Elnaz Osgooei***	**Controlled g-frames and their operators**	T1
Numerical Analysis	**Arash Jalilian*, Gholamreza Hojjati**	**Efficient explicit methods for nonstiff ordinary differential equations**	T2
Statistics & Probability	**Sedigheh Zamani Mehreyan*, Abolreza Sayyareh**	**Moment estimation and model selection in univariate autoregressive models with non-normal innovations**	T3
Algebra	**Alireza Olfati***	**Injectivity of rings of measurable functions**	T4
Differential Equations	**Abdelkrim Salim*, Mouffak Benchohra, Jamal Eddine Lazreg**	**Existence and k-Mittag-Leffler-Ulam-Hyers stability results of k-generalized ψ-Hilfer boundary value problem**	T5
Geometry & Topology	**Mohamad Yar Ahmadi***	**Gradient Einstein-type manifold**	T6

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Chair: Ghasem Barid Loghmani
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Coordinator: Fatemeh Daryabeygi

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Chair: Ali Iranmanesh
Coordinator: Haniyeh Shahidi

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Chair: Mohammad Reza Hooshmand
Coordinator: Siavash Ebrahimi

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Chair: Tayebeh Waezizadeh
Coordinator: Pouya Heydarabadi

Day 1: Monday, August 30, Time: 4:55 PM - 5:15 PM

Subject	Author(s)	Title	Link
آنالیز	سید محمد مشتاقیون، نرجس سادات بنی طبا*	پیرامون یک تساوی در مورد قاب‌های پیوسته در فضای هیلبرت	T1
Numerical Analysis	**Afshin Babaei, Sahar Jalalian***	**Numerical solution of an inverse diffusion-convection problem based on the Chebyshev-collocation method**	T2
آمار و احتمال	رضا پورموسی*، پردیس ثمره پورقمه	بررسی مدل‌های چند سطحی خطی بر پایه توزیع چوله نرمال	T3
Algebra	**Hossein Dehghani Rayeni*, Sina Hedayat**	**Partially projective modules and locally partially free sheaves**	T4
Differential Equations	**Amir Peyravi***	**Global existence and uniform stability for a system of wave equations of Kirchhoff type with degenerate damping effects and nonlinear sources**	T5
Geometry & Topology	**Rostam Mohamadian, Mehrdad Namdari, Maryam Zeinali***	**z_c^0-ideals in $C_c(X)$ VS z^0-ideals in $C(X)$**	T6

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Chair: Mohammad Reza Hooshmand
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Chair: Tayebeh Waezizadeh
Coordinator: Pouya Heydarabadi

Day 1: Monday, August 30, Time: 5:20 PM - 5:40 PM

Subject	Author(s)	Title	Link
Analysis	**Hassan Jamali***	**Generalized minimum residual method based on the knowledge of a frame in a Hilbert space**	T1
Numerical Analysis	**Marwa Legougui*, Abderrezak Ghezal**	**Justification of the two-dimensional equations of shells with von Kármán boundary conditions**	T2
آمار و احتمال	معصومه اکبری لاکه*، عارفه کثیری	کاربرد اکستروپی باقیمانده طول عمر در آزمون نمایی بودن	T3
Algebra	**Mohammad Ali Zarei, Saeed Mirvakili***	**Hypergroupoids associated with a metric space**	T4
Differential Equations	**Behnaz Talebi*, Ali Abdi**	**Symmetric methods based on triple-jump composition for solving periodic differential equations**	T5
Geometry & Topology	**Shahab Kalantari*, Amir Sahami**	**Binary corona of asymptotic resemblance spaces**	T6

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Chair: Ghasem Barid Loghmani
Coordinator: Rezvan Iranmanesh

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Chair: Ayyub Sheikhi
Coordinator: Fatemeh Daryabeygi

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Chair: Ali Iranmanesh
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Chair: Mohammad Reza Hooshmand
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Chair: Tayebeh Waezizadeh
Coordinator: Pouya Heydarabadi

Day 1: Monday, August 30, Time: 5:45 PM - 6:05 PM

Subject	Author(s)	Title	Link
Analysis	Gholamreza Aghamollaei, Sharifeh Rezagholi*	On the normality of matrix polynomials	T1
Numerical Analysis	Amin Faghih*, Payam Mokhtary	A novel fractional Legendre collocation method for a class of non-linear systems of fractional differential equations	T2
Statistics & Probability	Omid Kharazmi*, Hossein Negarestani	Some new results for residual Fisher information distance	T3
Algebra	Mehdi Rezaei*, Zeinab Foruzanfar	Cycle structure of elements of permutation groups with movement m or $m-3$	T4
Differential Equations	Maryam Rabiee*, Fateme Helen Ghane	On the random Bony attractors	T5
Geometry & Topology	Ghasem Mirhosseinkhani*, Mehdi Dehghanian	Some classes of continuous maps in terms of closure and interior operators	T6

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Coordinator: Fatemeh Daryabeygi

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Chair: Ali Iranmanesh
Coordinator: Haniyeh Shahidi

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Chair: Mohammad Reza Hooshmand
Coordinator: Siavash Ebrahimi

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Chair: Tayebeh Waezizadeh
Coordinator: Pouya Heydarabadi

Day 1: Monday, August 30, Time: 6:10 PM - 6:30 PM

Subject	Author(s)	Title	Link
Analysis	**Mohammad Tagi Heydari***	**On matrix range**	T1
Numerical Analysis	**Marziyeh Saffarian*, Akbar Mohebbi**	**ADI spectral element method for the solution of nonlinear time-fractional Schrödinger equation**	T2
Statistics & Probability	**Sakineh Dehghan*, Mohammad Reza Faridrohani**	**A generalized Wilcoxon test for multivariate central symmetry**	T3
Algebra	**Roghayeh Mohammadi Hesari*, Rashid Rezaei, Karim Samei**	**Some of skew cyclic codes of length p^s over $\mathbb{F}_p^m + u\mathbb{F}_p^m$**	T4
Geometry & Topology	**Parvane Atashpeykar*, Ali Haji-Badali**	**On symmetries of the Riemannian manifold $\mathbb{H}^2 \times \mathbb{R}$**	T5 T6
Break and Networking			B

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Chair: Ghasem Barid Loghmani
Coordinator: Rezvan Iranmanesh

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Ayyub Sheikhi
Coordinator: Fatemeh Daryabeygi

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Ali Iranmanesh
Coordinator: Haniyeh Shahidi

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Chair: —
Coordinator: —

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Tayebeh Waezizadeh
Coordinator: Pouya Heydarabadi

Parallel Lectures

Day 2

Parallel Lectures

Day 2: Tuesday, August 31, Time: 9:05 AM - 9:25 AM

Subject	Author(s)	Title	Link
Analysis	**Noha Eftekhari, Ali Bayati Eshkaftaki***	**On the existence of strictly positive doubly stochastic operators**	T1
Numerical Analysis	**Farshid Abdollahi, Elahe Soltani***	**Simultaneously hard thresholding algorithms with feedbacks and partially known row support for multiple measurement vectors**	T2
Statistics & Probability	**Mahsa Sasaei***	**An application of multivariate T^2 control chart for skewed distributed data**	T3
Algebra	**Fatemeh Mirzaei*, Reza Nekooei**	**Primary decomposition of submodules of a free module of finite rank over a domain**	T4
Differential Equations	**Sadegh Amiri***	**Mean-square stability analysis of a stochastic Runge-Kutta scheme for stiff Itô SDE systems**	T5
Geometry & Topology	**Sakineh Hajiaghasi*, Jafar Ebrahimi, Shahroud Azami**	**Some results on Ricci-Harmonic Bourguignon solitons and applications**	T6
سایر موضوعات	علی رجالی*	دلایل تشکیل انجمن آمار در سال 1371 و آغاز راه‌اندازی انجمن‌های دیگر و تشکیل اتحادیه انجمن‌های ایرانی علوم ریاضی در سال 1393	T7

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Chair: Shahram Rezapour
Coordinator: Parisa Torabi

Link T2: https://online1.uk.ac.ir/c_talk2
Chair: Nasibeh Mollahasani
Coordinator: Farideh Sabbah

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Abbas Parchami
Coordinator: S. Fazel Hashemi

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Alireza Abdollahi
Coordinator: H. Zangiabadizadeh

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Majid Gazor
Coordinator: Fatemeh Bahaadini

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Fereshteh Malek
Coordinator: Mahshid Khalouie

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Mashaallah Mashinchi
Coordinator: Reza Pourasghari

Day 2: Tuesday, August 31, Time: 9:30 AM - 9:50 AM

Subject	Author(s)	Title	Link
Analysis	**Amir Sahami*, Mehdi Rostami, Seyed Mehdi Kazemi Torbaghan**	**On amenability-like properties of certain matrix algebras with applications**	T1
Numerical Analysis	**Fariba Bakrani Balani*, Masoud Hajarian**	**Preconditioning methods for weighted Toeplitz regularized least-squares problems**	T2
آمار و احتمال	کامبیز احمدی*، هدی کامرانفر	برآوردیابی در سیستم‌های تعمیرپذیر تحت توزیع وایبول	T3
جبر	شعبان قلندرزاده، آرزو رنجبرنژاد اصفهانی*	زیر مدول‌های (γ, δ)- اولیه	T4
Differential Equations	**Morteza Fotouhi***	**The epiperimetric inequality approach for the regularity of a free boundary problem**	T5
هندسه و توپولوژی	محمد دارا*، اکبر دهقان نژاد	k-نگاشت تکانی و کوهومولوژی هموردا	T6
سایر موضوعات	حبیب شریف*	رسالت ریاضیدانان در ترویج مبحث خلاقیت، ایده پردازی و کارآفرینی	T7

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Chair: Nasibeh Mollahasani
Coordinator: Farideh Sabbah

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Chair: Abbas Parchami
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Chair: Alireza Abdollahi
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Chair: Majid Gazor
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Chair: Fereshteh Malek
Coordinator: Mahshid Khalouie

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Chair: Mashaallah Mashinchi
Coordinator: Reza Pourasghari

Day 2: Tuesday, August 31, Time: 9:55 AM - 10:15 AM

Subject	Author(s)	Title	Link
Analysis	**Amir Ghasem Ghazanfari, Somayeh Malekinejad***	**Some operator inequalities involving operator monotone functions for sector matrices**	T1
آنالیز عددی	علی محمد نظری*، عطیه نظامی	ساخت ماتریس متقارن با مقادیر ریتز معلوم از مرتبه کوچکتر یا مساوی سه	T2
آمار و احتمال	محمد بهمنی*، علی آقامحمدی	برآورد رگرسیون چندکی ترکیبی وزنی با خطاهای اتورگرسیو با استفاده از الگوریتم EM	T3
Algebra	**Leila Shahbaz***	**Injectivity and regular injectivity in PosAct-S**	T4
Differential Equations	**Rasoul Asheghi***	**Stability and Hopf bifurcation in a diffusive predator-prey system with Holling type II response**	T5
Geometry & Topology	**Majid Kowkabi*, Hamid Torabi**	**On subsemicovering and the fundamental inverse category of a topological space X**	T6
سایر موضوعات	ارزو ملکی*، محسن مددی، ابوالفضل رفیع پور	بررسی تفاوت جنسیّتی در نگرش دانشجویان دانشکده ریاضی و کامپیوترنسبت به درس آمار (مورد: دانشگاه شهید باهنر کرمان)	T7
Break and Networking			B

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Chair: Alireza Abdollahi
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Chair: Majid Gazor
Coordinator: Fatemeh Bahaadini

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Chair: Fereshteh Malek
Coordinator: Mahshid Khalouie

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Mashaallah Mashinchi
Coordinator: Reza Pourasghari

Day 2: Tuesday, August 31, Time: 10:30 AM - 10:50 AM

Subject	Author(s)	Title	Link
Analysis	**Ali Morovatpoor*, Ali Abkar**	**Composition operators on weighted variable exponent Bergman spaces**	T1
Numerical Analysis	**Azita Tajaddini***	**The heavy ball GMRES based on tensor format for Sylvester Tensor equations**	T2
آمار و احتمال	فرشته آراد*، علیرضا عرب پور	نمونه‌های با اهمیت در تقریب انتگرال به روش مونت کارلو	T3
Algebra	**Nasrin Shirali ***	**On modules with only finitely many small submodules**	T4
Differential Equations	**Amir Hossein Ghasemikaram, Abbas Mazidi*, Seyed Ahamd Fazelzadeh**	**Semi-analytical solution of novel coupled partial integral differential equations (PIDEs) with application in Aeroelasticity**	T5
Geometry & Topology	**Vahid Pirhadi***	**On invariant submanifolds of generalized quasi Sasakian manifolds**	T6
آموزش ریاضی	میر حکیم الله سیدی*، زهرا گویا	وضعیت ریاضی در دانشگاه‌های افغانستان	T7

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Chair: Farid Mohammad Malek
Coordinator: Fatemeh Bahaadini

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Chair: Neda Ebrahimi
Coordinator: Mahshid Khalouie

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Zahra Gooya
Coordinator: Reza Pourasghari

Day 2: Tuesday, August 31, Time: 10:55 AM - 11:15 AM

Subject	Author(s)	Title	Link
Analysis	Ebrahim Abbasi, Mostafa Hassanlou*	Weighted composition operators from S^p spaces into Bloch spaces	T1
Numerical Analysis	Farshid Abdollahi, Fatemeh Pirayesh Dehkordi*	A sparse two-greedy subspace Kaczmarz algorithm for compressed sensing	T2
آمار و احتمال	حسن میرزاوند*، مجید جعفری خالدی	مدل رگرسیونی مبتنی بر توزیع چوله‌نرمال دو مدی	T3
Algebra	Mohammad Ali Naghipoor*	Lattices of radical subacts of acts over semigroups	T4
Differential Equations	Mohammad Hossein Akrami*	Dynamics of a fractional SIR model with two different fractional derivatives	T5
Geometry & Topology	Mohammad Reza Farhangdoust*, Ahmad Reza Attari Polsangi	Lie algebras of generalized Lie groups based on right-invariant vector fields	T6
آموزش ریاضی	افسانه محبت پناه*، نرگس یافتیان	نظریه سولو ابزاری برای تحلیل پاسخ‌های مختلف یک مسئله	T7

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Chair: Neda Ebrahimi
Coordinator: Mahshid Khalouie

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Chair: Zahra Gooya
Coordinator: Reza Pourasghari

Day 2: Tuesday, August 31, Time: 11:20 AM - 11:40 AM

Subject	Author(s)	Title	Link
Analysis	**Zahra Kamali***	**Mean ergodic multiplication operators on Hardy spaces**	T1
Numerical Analysis	**Mohammad Heydari***	**A partially described inverse eigenvalue problem for pseudo-symmetric periodic Jacobi matrices**	T2
آمار و احتمال	احسان مصداقی*، افشین فلاح، رحمان فرنوش	یک مدل رگرسیونی بیزی کارا برای مدل‌بندی مشاهدات پاسخ مثبت چوله به راست	T3
Algebra	**Hamideh Rashidi*, Hossein Mohammadzadeh saany**	**On GPW-(po)-flatness of S-posets**	T4
Differential Equations	**Ahmad Reza Haghighi, Majid Roohi***	**A nonlinear chattering-free sliding mode control for stabilization of fractional-order complex systems**	T5
Geometry & Topology	**Elahe Kazazi, Hajar Ghahremani-Gol***	**Solutions of Euler equations on the two-dimensional sphere**	T6
آموزش ریاضی	سمیه تاری*	سه مکتب موثر در منطق ریاضی	T7

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Chair: Sina Hedayat
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Chair: Farid Mohammad Malek
Coordinator: Fatemeh Bahaadini

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Chair: Neda Ebrahimi
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Chair: Zahra Gooya
Coordinator: Reza Pourasghari

Day 2: Tuesday, August 31, Time: 11:45 AM - 12:05 AM

Subject	Author(s)	Title	Link
Analysis	**Hossein Khodaiemehr*, Fereshteh Sady**	**On non-linear maps preserving Drazin invertible operator matrices**	T1
Numerical Analysis	**Fahimeh Akhavan Ghassabzade*, Mina Bagherpoorfard**	**Mathematical analysis of a novel Japanese encephalitis fractional model**	T2
			T3
Algebra	**Kamal Ahmadi***	**Some results about Dedekind-finite acts over monoids**	T4
Differential Equations	**Ali Ebrahimijahan*, Mehdi Dehghan**	**Adaptive integrated radial basis function method for time dependent partial differential equations**	T5
Geometry & Topology	**Seyed Mehdi Kazemi Torbaghan*, Keyvan Salehi**	**Liouville-type theorems for p-harmonic maps with potential**	T6
آموزش ریاضی	فاطمه احمد پور*	مفاهیم ریاضی چگونه در ذهن انسان شکل می‌گیرند؟	T7

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Coordinator: Parisa Torabi

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Chair: Saeed Karimi
Coordinator: Farideh Sabbah

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Chair: —
Coordinator: —

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Sina Hedayat
Coordinator: H. Zangiabadizadeh

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Farid Mohammad Malek
Coordinator: Fatemeh Bahaadini

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Neda Ebrahimi
Coordinator: Mahshid Khalouie

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Zahra Gooya
Coordinator: Reza Pourasghari

Day 2: Tuesday, August 31, Time: 12:10 AM - 12:30 AM

Subject	Author(s)	Title	Link
Analysis	**Lida Mousavi***	**Automatic continuity of bijective jointly linear separating maps between Banach modules**	T1
Numerical Analysis	**Mostafa Abbaszadeh, Romina Hashami*, Mehdi Dehghan**	**The use of artificial neural network (ANN) to simulate HIV infection model**	T2
			T3
Algebra	**Ashkan Nikseresht***	**Factorization properties of quotients of polynomial rings by monomial ideals**	T4
Differential Equations	**Yamin Sayyari*, Mehdi Dehghanin**	**A Sannon's entropy bound**	T5
Geometry & Topology	**Mahdi Khajeh Salehani***	**A study of locally convex manifolds in the realm of geometric control theory**	T6
آموزش ریاضی	ابوالفضل رفیع پور، زهره خزاعی*	عملکرد دانش آموزان در حل مسائل کلامی ریاضی	T7
Lunch Break			

*: Speaker

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Chair: Mohammad Janfada
Coordinator: Parisa Torabi

Link T2: https://online1.uk.ac.ir/c_talk2
Chair: Saeed Karimi
Coordinator: Farideh Sabbah

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: —
Coordinator: —

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Sina Hedayat
Coordinator: H. Zangiabadizadeh

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Farid Mohammad Malek
Coordinator: Fatemeh Bahaadini

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Neda Ebrahimi
Coordinator: Mahshid Khalouie

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Zahra Gooya
Coordinator: Reza Pourasghari

Day 2: Tuesday, August 31, Time: 3:05 PM - 3:25 PM

Subject	Author(s)	Title	Link
Analysis	**Asiyeh Rezaei*, Farzad Dadipour**	**A characterization of p-normed spaces based on some quasi norm inequalities**	T1
Numerical Analysis	**Zahra Mahmoodi***	**Collocation method for linear and nonlinear Volterra integro-differential equations**	T2
Analysis	**Kobra Esmaeili***	**Embedding theorems on Bergman spaces with admissible weights**	T3
جبر	احسان شاحسینی*، علی رجایی	کاربردهایی از دنباله دقیق گروه پولیای نسبی	T4
Differential Equations	**Amin Esfahani***	**Well-posedness of the ZKB equation in the weighted spaces**	T5
Algebra	**Asghar Madadi***	**Cartan-Brauer-Hua type conditions over the division rings with involution**	T6
آموزش ریاضی	محمد حسام قاسمی*، زهرا گویا	می‌خواهم متقلب بمانم! نقدی بر روش‌های سختگیرانهٔ تشخیص تقلب در ارزشیابی مجازی ریاضی و ضرورت تغییر رویکرد	T7

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Coordinator: Parisa Torabi

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Chair: Azim Rivaz
Coordinator: Farideh Sabbah

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Alemeh Sheikhhosseini
Coordinator: S. Fazel Hashemi

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Mahdieh Ebrahimpour
Coordinator: H. Zangiabadizadeh

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Mohammad Safdari
Coordinator: Fatemeh Bahaadini

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Chair: Reza Nekooei
Coordinator: Mahshid Khalouie

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Chair: Mohammad Reza Fadaee
Coordinator: Reza Pourasghari

Day 2: Tuesday, August 31, Time: 3:30 PM - 3:50 PM

Subject	Author(s)	Title	Link
آنالیز	لیلا فضل پر*، علی آرمند نژاد	بررسی نگهدارنده های خطی بردارهای فرزز $n \times 1$	T1
Numerical Analysis	**Soheila Rasi*, Gholamreza Hojjati**	**Second derivative multistage methods**	T2
Analysis	**Sima Soltani Renani, Zahra Yari***	**Right Tr-contractibility of the convolution algebra of trace class operators**	T3
جبر	غلامرضا آقابابایی بنی*، کاظم حمیدی زاده	گراف های نامتباین گروه های پوچتوان	T4
Differential Equations	**Majid Gazor*, Nasrin Sadri**	**Non-equivariant normal form coefficient formulas for cubic $\mathbb{Z}_2$-equivariant Bogdanov-Takens singularities**	T5
Algebra	**Rasoul Soleimani***	**On p-subgroups of central automorphism group of a finite p-group**	T6
آموزش ریاضی	یگانه السادات حسینی*، ابراهیم ریحانی، مهدی ایزدی	تحلیل عملکرد مورد انتظار از دانش آموزان در تکالیف کتاب درسی ریاضی پایه هشتم	T7

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Chair: Azim Rivaz
Coordinator: Farideh Sabbah

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Coordinator: S. Fazel Hashemi

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Chair: Mahdieh Ebrahimpour
Coordinator: H. Zangiabadizadeh

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Chair: Mohammad Safdari
Coordinator: Fatemeh Bahaadini

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Reza Nekooei
Coordinator: Mahshid Khalouie

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Mohammad Reza Fadaee
Coordinator: Reza Pourasghari

Day 2: Tuesday, August 31, Time: 3:50 PM - 4:10 PM

Subject	Author(s)	Title	Link
Analysis	**Asma Ilkhanizadeh Manesh***	**On Hankel matrices**	T1
Numerical Analysis	**Farideh Zare Mehrjardi*, Mohammad Heydari, Ghasem Barid Loghmani**	**A combination method to solve the system of nonlinear Volterra integral equations**	T2
Analysis	**Ahmad Motamednezhad***	**Coefficient estimates for a new subclass of meromorphic bi-univalent functions by using Faber polynomia**	T3
جبر	حبیب شریف*	سری‌های توانی صوری اَبَرمتعالی	T4
Differential Equations	**Karim Ivaz, Mohammad Asadpour Fazlallahi***	**Solving free boundary problem by Newton-Raphson method**	T5
Algebra	**Masoomeh Hezarjaribi*, Zohreh Habibi**	**Vital prime injective S-acts**	T6
			T7
Break and Networking			B

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Coordinator: Farideh Sabbah

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Chair: Alemeh Sheikhhosseini
Coordinator: S. Fazel Hashemi

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Mahdieh Ebrahimpour
Coordinator: H. Zangiabadizadeh

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Mohammad Safdari
Coordinator: Fatemeh Bahaadini

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Reza Nekooei
Coordinator: Mahshid Khalouie

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: —
Coordinator: —

Parallel Lectures

Day 3

Parallel Lectures

Day 3: Wednesday, September 1, Time: 9:05 AM - 9:25 AM

Subject	Author(s)	Title	Link
Analysis	**Mahdi Dehghani***	**Some new characterizations of inner product spaces in terms of HH-I-orthogonality**	T1
آنالیز عددی	مرتضی بیشه نیاسر*، سمیرا بنی مهدی دهکردی	یک روش بلوکی هیبریدی برای معادلات دیفرانسیل تأخیری	T2
Fuzzy Mathematics	**Mahmood Bakhshi***	**On the lattice of fuzzy filters of quantales**	T3
Algebra	**Zahra Pourshafiey*, Reza Nekooei**	**A relationship between algebraic graph theory and associated prime ideals**	T4
Differential Equations	**Roya Makrooni***	**Bifurcation structure in one dimensional linear-hyperboli maps**	T5
Optimization	**Fatima Ouaar***	**A comparative study of metaheuristic algorithms as an application of bio inspired optimization**	T6
ریاضیات مالی	حدیث پردلی*، محمد حسین دریائی	قیمت‌گذاری اختیارمعامله با فرض همبستگی در بازه‌ها	T7

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Chair: Ezat Valipour
Coordinator: Samie Baniasadi

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Saeide Zahiri
Coordinator: Akram Nourmohammadi

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Chair: N. Shajareh Poursalavati
Coordinator: Rezvan Iranmanesh

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Chair: Habibollah Saeedi
Coordinator: Narges Koohestani

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Hassan Mishmast Nehi
Coordinator: Parisa Torabi

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Ali Foroush Bastani
Coordinator: Farideh Sabbah

Day 3: Wednesday, September 1, Time: 9:30 AM - 9:50 AM

Subject	Author(s)	Title	Link
Analysis	Sima Soltani Renani*	Left contractibility FC-algebras in terms of multi-norms	T1
Numerical Analysis	Rooholah Abedian*	WENO-Z schemes based on the identification of extreme points for Hamilton-Jacobi equations	T2
Fuzzy Mathematics	Mahta Bedrood*, Farhad Sajadian, Arsham Borumand Saeid	M-ideals in MV-algebras	T3
Algebra	Roghaieh Khosravi*	Precover of S-posets over pomonoids	T4
معادلات دیفرانسیل	مهدیه دادگرفرد، آرتا امیر جمشیدی*	مدل‌سازی نوسان تارهای صوتی با استفاده از سری ولترا	T5
Optimization	Javad Tayyebi*, Hamid Bigdeli	A polynomial-time algorithm for finding most vital edges in min-max spanning tree problems	T6
ریاضیات مالی	مینا گنجعلی، علی صفدری وایقانی*	مقایسه روش تقلیل پایه و روش تفاضلات متناهی برای قیمت گذاری اختیار	T7

*: Speaker

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Chair: Ezat Valipour
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Chair: Saeide Zahiri
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Chair: Ali Foroush Bastani
Coordinator: Farideh Sabbah

Day 3: Wednesday, September 1, Time: 9:55 AM - 10:15 AM

Subject	Author(s)	Title	Link
Analysis	**Ehsan Lotfali Ghasab*, Hamid Majani**	**On set-valued F-contraction mappings and Volterra-type Integral equations**	T1
Numerical Analysis	**Meisam Montazer***	**Numerical solution of Fredholm integral equations by using non-uniform Haar wavelets**	T2
ریاضیات فازی	فاطمه بحرانی پور*، سپهر ابراهیمی مود، محمد فرشی	بهینه‌سازی هم زمان انرژی و تاخیر در شبکه اینترنت اشیاء در فضای محاسبات ابر و مه با استفاده از الگوریتم فاخته بهبود یافته	T3
Algebra	**Karim Samei***	**$\mathbb{F}_q\mathbb{F}_q[u]$-additive skew cyclic codes**	T4
Differential Equations	**Mohsen Khaleghi Mogadam*, Yaser Khalili**	**The discrete variant of a kind of continuous problem**	T5
Optimization	**Amin Ghodousian*, Hadi Amiri, Alireza Norouzi Azad**	**A global optimal solution for the weighted power mean programming problem constrained with fuzzy relational equalities**	T6
Financial Math	**Pouneh Mohammadi-Nejad*, Seyed-Mohammad-Mahdi Kazemi**	**Applying the attention mechanism on deep Galerkin method for option pricing problems**	T7
Break and Networking			B

*: Speaker

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Chair: Saeide Zahiri
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Chair: N. Shajareh Poursalavati
Coordinator: Rezvan Iranmanesh

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Chair: Habibollah Saeedi
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Chair: Hassan Mishmast Nehi
Coordinator: Parisa Torabi

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Chair: Ali Foroush Bastani
Coordinator: Farideh Sabbah

Day 3: Wednesday, September 1, Time: 10:30 AM - 10:50 AM

Subject	Author(s)	Title	Link
Analysis	**Amir Pishkoo***	**Fractal differentiation and integration in Cantor tartan space and Cantor 2D dust**	T1
Numerical Analysis	**Shima Baharlouei*, Reza Mokhtari**	**A stable hybridized discontinuous Galerkin method to solve the two-dimensional Burgers equation**	T2
Fuzzy Mathematics	**Fereshteh Forouzesh***	**Artinian and noetherian PMV -algebras**	T3
Algebra	**Mostafa Amini***	**On the epi-superfluous submodules**	T4
علوم داده و بیوانفورماتیک	حوریه نصیری*، مهدی افتخاری، کاوه بهرامن	مقایسه روش های یادگیری خود-نظارتی برای قطعه بندی معنایی تصاویر با استفاده از شبکه های عصبی عمیق کانولوشن	T5
Optimization	**Alireza Kabgani*, Majid Soleimani-damaneh**	**Optimality conditions for non-smooth optimization problems using semi-quasi-differentials**	T6
Combinatorics & Graph	**Azam Kamranian*, Ghaffar Raeisi**	**Some results on Ramsey numbers of K_n-good graphs**	T7

*: Speaker

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Chair: Faranges Kyanfar
Coordinator: Samie Baniasadi

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Chair: Arsham Borumand Saeid
Coordinator: Akram Nourmohammadi

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Chair: Esmaeil Rostami
Coordinator: Rezvan Iranmanesh

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Chair: Hossein Momenaee
Coordinator: Farideh Sabbah

Day 3: Wednesday, September 1, Time: 10:55 AM - 11:15 AM

Subject	Author(s)	Title	Link
Analysis	Samira Mehrangiz*, Bahram Khani Robati	Adjoint of certain weighted composition operators on certain weighted Hardy spaces	T1
Numerical Analysis	Maryam Mohammadi, Mohammad Heidari*	A local multiquadric quasi-interpolation operator based on the piecewise linear hat functions	T2
ریاضیات فازی	زهرا اصغری ورزنه*، سوده حسینی	یک روش انتخاب ویژگی ترکیبی برای داده‌های با ابعاد بالا بر اساس الگوریتم شاهین هریس	T3
Algebra	Simin Saidi Goraghani*, Rajab Ali Borzooei	Q-ideals in MV-semi modules	T4
علوم داده و بیوانفورماتیک	نیره الیاسی*، مهدی حسینی مقدم، میر محسن پدرام	پیشنهاد لایه ادغام در شبکه های عصبی همبافت سادکی	T5
بهینه سازی	فرناز هوشمند خلیق*	بررسی مدل‌های ردیابی شاخص بازار و حل مدل مبتنی بر ارزش با روش تفاضل توابع محدب	T6
Combinatorics & Graph	Mohsen Alambardar Meybodi*	Hardness results of k-efficient domination in chordal graphs	T7

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Chair: Arsham Borumand Saeid
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Chair: Marjan Kuchaki Rafsanjani
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Chair: Hossein Momenaee
Coordinator: Farideh Sabbah

Day 3: Wednesday, September 1, Time: 11:20 AM - 11:40 AM

Subject	Author(s)	Title	Link
Analysis	**Mohammad Esmael Samei*, Hasti Zangeneh**	**To investigate a multi-singular pointwise defined fractional q-integro-differential equation with application**	T1
Numerical Analysis	**Vali Torkashvand***	**Three-point methods with memory based on Kung-Traubs method for solving nonlinear equations**	T2
Fuzzy Mathematics	**Ardavan Najafi*, Arsham Borumand Saeid**	**Engel orthomodular lattices**	T3
Algebra	**Somayeh Bandari***	**Pretty clean monomial ideals**	T4
علوم داده و بیوانفورماتیک	زهره آذرگون*، سیدابوالفضل شاهزاده فاضلی، الهام عباسی	بکارگیری الگوریتم‌های K-هارمونیک میانگین، بهینه‌سازی ازدحام ذرات اصلاح شده و بهینه‌سازی نهنگ برای خوشه‌بندی	T5
Optimization	**Tahereh Khodamoradi*, Maziar Salahi, Ali Reza Najafi**	**Penalty ADM algorithm for mean-conditional value-at-risk portfolio optimization problem**	T6
ترکیبیات و گراف	رضاممیوند، رضا قاسمی*	کاهش فضای ذخیره‌سازی مورد نیاز در شبکه‌های بلاکچین با استفاده از یک طرح تسهیم چند راز	T7

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Chair: Arsham Borumand Saeid
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Chair: Hamidreza Maleki
Coordinator: Parisa Torabi

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Chair: Hossein Momenaee
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Day 3: Wednesday, September 1, Time: 11:45 AM - 12:05 AM

Subject	Author(s)	Title	Link
Analysis	Marzieh Darabi*	On minty variational inequality with generalized approximate convexity	T1
Numerical Analysis	Esmail Hesameddini, Payam Mokhtary, Seyyed Rasoul Kaafi*	The Muntz-Galerkin method for numerical solution of the generalized Abel-integral equation	T2
Fuzzy Mathematics	Saeide Zahiri*, Masoome Zahiri	An unprecedented monadic filter in monadic BL-algebras	T3
جبر	احسان شاحسینی، علی رجایی*	رهیافتی جدید به نسبی سازی گروه پولیای میدان‌های عددی	T4
Data Science & Bioinformatics	Amin Rahmani*, Fatemeh Zare-Mirakabad	An extension of Wangs protein design model using Blosum62 substitution matrix	T5
Optimization	Fatemeh Hamidirad*, Ali Abbasi Molai	Minimum-maximum programming with bipolar max-product fuzzy relation equation constraints	T6
Combinatorics & Graph	Mojgan Afkhami, Zahra Barati*	On the Laplacian spectrum of the comaximal graph of $\mathbb{Z}_n$	T7

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Coordinator: Fatemeh Afsharmanesh

Link T2: https://online1.uk.ac.ir/c_talk2
Chair: Faranges Kyanfar
Coordinator: Samie Baniasadi

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Arsham Borumand Saeid
Coordinator: Akram Nourmohammadi

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Chair: Esmaeil Rostami
Coordinator: Rezvan Iranmanesh

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Marjan Kuchaki Rafsanjani
Coordinator: Narges Koohestani

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Hamidreza Maleki
Coordinator: Parisa Torabi

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Hossein Momenaee
Coordinator: Farideh Sabbah

Day 3: Wednesday, September 1, Time: 12:10 AM - 12:30 AM

Subject	Author(s)	Title	Link
Analysis	**Nahid Sadat Mohseni*, Hashem Parvaneh Masiha**	**Fixed points of expansive mappings in modular G-metric spaces**	T1
Numerical Analysis	**Nasibeh Karamollahi*, Mohammad Heydari, Ghasem Barid Loghmani**	**A Hermit interpolation method for Duffing equations involving both integral and non-integral forcing terms**	T2
Fuzzy Mathematics	**Akbar Rezaei*, Andrzej Walendziak**	**Irreducible filters of eRM-algebras**	T3
Algebra	**Zeinab Foruzanfar*, Mehdi Rezaei**	**On conjugacy class graph of a Frobenious group of order pq**	T4
			T5
Optimization	**Najmeh Hosseinipour-Mahani*, Alaeddin Malek**	**Solving optimization problems with nonconvex feasible sets by using neuro-dynamic optimization**	T6
Combinatorics & Graph	**Anahita Kazemi*, Mehdi Ghiyasvand**	**The upper bound of minimum distance in (r, δ)-local t-LRC codes**	T7
Lunch Break			

*: Speaker

Link T1: https://online1.uk.ac.ir/c_talk1
Chair: Farshid Abdollahi
Coordinator: Fatemeh Afsharmanesh

Link T2: https://online1.uk.ac.ir/c_talk2
Chair: Faranges Kyanfar
Coordinator: Samie Baniasadi

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Arsham Borumand Saeid
Coordinator: Akram Nourmohammadi

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Esmaeil Rostami
Coordinator: Rezvan Iranmanesh

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: —
Coordinator: —

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Hamidreza Maleki
Coordinator: Parisa Torabi

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Hossein Momenaee
Coordinator: Farideh Sabbah

Day 3: Wednesday, September 1, Time: 3:05 PM - 3:25 PM

Subject	Author(s)	Title	Link
Analysis	Ahmad Shirinkalam*	A cohomological approximate invariant for Banach algebras	T1
Numerical Analysis	Parisa Rahimkhani*, Yadollah Ordokhani	Application of Jacobi wavelets for solving nonlinear stochastic Itô-Volterra integral equations	T2
Fuzzy Mathematics	Khadijeh Abolpour*, Marzieh Shamsizadeh	LB-valued operators on LB-valued GFA	T3
Algebra	Behnam Talaee*	On some properties of intuitionistic fuzzy modules	T4
Algebra	Farrokh Shirjian*, Ali Iranmanesh	Group actions on irreducible characters: applications to local-global conjectures for groups of type A	T5
Optimization	Tayebeh Dehghan Niri*, Seyed Abolfazl Shahzadeh Fazeli	A two-step cubic regularization algorithm to solve unconstrained optimization problems	T6
Combinatorics & Graph	Maryam Bajalan, Mina Moeini*	Relative N-weight codes over direct product of finite chain rings	T7

*: Speaker

Link T1: https://online1.uk.ac.ir/c_talk1
Chair: Ahmad Safapour
Coordinator: Fatemeh Afsharmanesh

Link T2: https://online1.uk.ac.ir/c_talk2
Chair: Somayeh Zangoei Zadeh
Coordinator: Samie Baniasadi

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Akbar Rezaei
Coordinator: Akram Nourmohammadi

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Javad Moghaderi
Coordinator: Rezvan Iranmanesh

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Habib Sharif
Coordinator: Narges Koohestani

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Eskandar Naraghi Rad
Coordinator: Parisa Torabi

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Behnaz Omoomi
Coordinator: Farideh Sabbah

Day 3: Wednesday, September 1, Time: 3:30 PM - 3:50 PM

Subject	Author(s)	Title	Link
Analysis	Shahram Najafzadeh*	Application of confluent hypergeometric distribution series to univalent functions defined by the means of convolution structure	T1
Numerical Analysis	Parya Ramezani*, Ali Abdi, Golamreza Hojjati, Afsaneh Moradi	On the construction of second derivative methods with inherent quadratic stability	T2
Fuzzy Mathematics	Marzieh Shamsizadeh*, Mohammad Mehdi Zahedi, Khadijeh Abolpour	Category of graph automaton	T3
Algebra	Masoud Ariannejad*	Finite one-step plus unitary rings are commutative	T4
Algebra	Morteza Lotfi Parsa*	Depth of a pair of ideals on ZD-modules	T5
Optimization	Sahar Shahsavan por ahl*, Javad Vakilli	Approximating the efficient border for nondifferential multi- objective problems	T6
Combinatorics & Graph	Mohsen Jannesari*	Non-isolated resolving number of corona product of some families of graphs	T7

*: Speaker

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Coordinator: Samie Baniasadi

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Akbar Rezaei
Coordinator: Akram Nourmohammadi

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Javad Moghaderi
Coordinator: Rezvan Iranmanesh

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Habib Sharif
Coordinator: Narges Koohestani

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Eskandar Naraghi Rad
Coordinator: Parisa Torabi

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Behnaz Omoomi
Coordinator: Farideh Sabbah

Day 3: Wednesday, September 1, Time: 3:55 PM - 4:15 PM

Subject	Author(s)	Title	Link
Analysis	**Hamid Khodaei*, Bahman Hayati**	**A mixed type functional equation in p-Banach spaces**	T1
Numerical Analysis	**Roghayeh Katani***	**Smoothing transformation and a nystrom method for two-dimensional weakly singular Volterra integral equations**	T2
Fuzzy Mathematics	**Seyed Hossein Sadati*, Hossein Rashmanlou, Ali Asghar Talebi**	**Domination in intuitionistic fuzzy incidence graph**	T3
Algebra	**Karim Ghadimi***	**On polygroup actions**	T4
Algebra	**Somayeh Karimzadeh***	**Commutative rings which every module has a prime submodule**	T5
			T6
Combinatorics & Graph	**Morteza Mohammad-Noori***	**Some combinatorial properties of the derivative operator**	T7
Break and Networking			B

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Link T1: https://online1.uk.ac.ir/c_talk1
Chair: Ahmad Safapour
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Coordinator: Samie Baniasadi

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Chair: Akbar Rezaei
Coordinator: Akram Nourmohammadi

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Javad Moghaderi
Coordinator: Rezvan Iranmanesh

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Habib Sharif
Coordinator: Narges Koohestani

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: —
Coordinator: —

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Behnaz Omoomi
Coordinator: Farideh Sabbah

Parallel Lectures

Day 4

Parallel Lectures

Day 4: Thursday, September 2, Time: 9:05 AM - 9:25 AM

Subject	Author(s)	Title	Link
Analysis	Ebrahim Tamimi*	On χ-connes module amenability and χ-module normal virtual diagonals	T1
Numerical Analysis	Mohammad Ilati*	Numerical solution of generalized Gross-Pitaevskii equation by a meshless local method	T2
Logic & Computer Science	Nazanin Roshandel Tavana*	Some results of effectiveness in metric model theory	T3
Algebra	Masoome Zahiri*, Saeide Zahiri	On skew power series McCoy rings	T4
Algebra	Mirsadegh Seyed Sadeghi*	On the normally torsion-freeness of K$\ddot{o}$nig ideals	T5
Combinatorics & Graph	Ghurumuruhan Ganesan*	Acyclic vertex colourings of dense graphs	T6
Financial Math	Samira Amirian*, Erfan Salavati	Option pricing in the fractional stochastic volatility models using malliavin calculus	T7

*: Speaker

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Chair: Hamid Reza Afshin
Coordinator: Rezvan Iranmanesh

Link T2: https://online1.uk.ac.ir/c_talk2
Chair: Mohammad Izadi
Coordinator: Haniyeh Shahidi

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Esfandiar Eslami
Coordinator: Narges Koohestani

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Mehrdad Namdari
Coordinator: Mahshid Khalouie

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Morteza Jafarpour
Coordinator: Hamid Zangiabadizadeh

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Javad Ebrahimi Brojeni
Coordinator: Reza Pourasghari

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Mohammad Jelodari Mamaghani
Coordinator: Fatemeh Bahaadini

Day 4: Thursday, September 2, Time: 9:30 AM - 9:50 AM

Subject	Author(s)	Title	Link
Analysis	Maryam Momeni*, Fatemeh Kyani	b-Birkhoff orthogonal elements in 2-normed linear spaces	T1
Numerical Analysis	Salameh Sedaghat*	An efficient technique for solving state dependent delay differential equations	T2
Logic & Computer Science	Mehdi Golafshan*, Alexei Kanel-Belov, Alex Heinis, Georgiy Potapov	On the complexity function of leading digits of powers of one-digit primes	T3
Algebra	Sajjad Arda*, Saadatollah Faramarzi, Khadijeh Ahmadi Amoli	Some results on torsion and extension functors	T4
Algebra	Khadijeh Ahmadi-Amoli, Anna Hosseini*, Saadat Ollah Faramarzi	Generalized projective dimension and the generalized intersection theorem	T5
Combinatorics & Graph	Fatemeh Soheilnia*, Shiroyeh Payrovi	Some results on the essential graph of $\mathbb{Z}_n$	T6
Financial Math	Razieh Delpasand*, Mohammad Mehdi Hosseini	A numerical method for the two-asset black-scholes PDE	T7

*: Speaker

Link T1: https://online1.uk.ac.ir/c_talk1
Chair: Hamid Reza Afshin
Coordinator: Rezvan Iranmanesh

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Chair: Mohammad Izadi
Coordinator: Haniyeh Shahidi

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Chair: Esfandiar Eslami
Coordinator: Narges Koohestani

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Chair: Mehrdad Namdari
Coordinator: Mahshid Khalouie

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Morteza Jafarpour
Coordinator: Hamid Zangiabadizadeh

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Javad Ebrahimi Brojeni
Coordinator: Reza Pourasghari

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: Mohammad Jelodari Mamaghani
Coordinator: Fatemeh Bahaadini

Day 4: Thursday, September 2, Time: 9:55 AM - 10:15 AM

Subject	Author(s)	Title	Link
Analysis	**Mohammad Fozouni***	**Using Helly's theorem and BSE-functions to give a new vector space**	T1
Numerical Analysis	**Afshin Babaei, Hossein Jafari, Sedigheh Banihashemi***	**A numerical scheme to solve the nonlinear time-fractional stochastic beam equation**	T2
Logic & Computer Science	**Alireza Mofidi***	**Stability theory and representations**	T3
Algebra	**Yasaman Sadatrasul*, Shiroyeh Payrovi**	**On the essential graph of a finite commutative ring**	T4
Algebra	**Alireza Shojaeifard*, Hamid Reza Yazdani, Ramin Nasiri**	**On the eigenvalues inclusion sets of stochastic tensors**	T5
Combinatorics & Graph	**Somayeh Khalashi Ghezelahmad***	**On matching energy of graphs**	T6
			T7
Break and Networking			B

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Chair: Esfandiar Eslami
Coordinator: Narges Koohestani

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Chair: Mehrdad Namdari
Coordinator: Mahshid Khalouie

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Morteza Jafarpour
Coordinator: Hamid Zangiabadizadeh

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Javad Ebrahimi Brojeni
Coordinator: Reza Pourasghari

Link T7: https://online1.uk.ac.ir/c_talk7
Chair: —
Coordinator: —

Day 4: Thursday, September 2, Time: 10:30 AM - 10:50 AM

Subject	Author(s)	Title	Link
Analysis	**Bahman Hayati*, Hamid Khodaei**	**On connes-amenability of a class of dual quotient Banach algebras**	T1
Numerical Analysis	**Hojatollah Laeli Dastjerdi***	**Some properties of nonlinear singular Volterra integral equations with vanishing delay**	T2
Analysis	**Sayyed Mehrab Ramezani***	**Approximately C-controlled g-dual frames**	T3
Algebra	**Masoumeh Akbari-Sehhat*, Mojtaba Ramazan Nasab**	**Group algebras satisfying some normalized Laurent polynomial identities**	T4
Algeba	**Parisa Rezaei***	**On strongly (P)-cyclic right Rees factor acts**	T5
Combinatorics & Graph	**Farhad Barzegar*, Dariush Kiani, Hassan Khodaiemehr**	**Construction of space-time block codes based on abelian algebras**	T6

*: Speaker

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Chair: Shahram Saeedi
Coordinator: Narges Koohestani

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Somayeh Karimzadeh
Coordinator: Mahshid Khalouie

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Somayeh Hajirezaei
Coordinator: Hamid Zangiabadizadeh

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Ali Taherkhani
Coordinator: Reza Pourasghari

Day 4: Thursday, September 2, Time: 10:55 AM - 11:15 AM

Subject	Author(s)	Title	Link
Analysis	**Sedigheh Barootkoob***	**Characterization of generalized matrix Banach algebras**	T1
Numerical Analysis	**Maryam Jalili*, Samaneh SalimiNarm**	**Numerical solution of Poisson equation on bidimentional irregular domains**	T2
Analysis	**Masoumeh Faghih-Ahmadi*, Masoumeh Azadikhouy**	**Some properties of super convex-cyclic operators**	T3
Algebra	**Ali Moradzadeh-Dehkordi***	**An alternative perspective on FC-pure injectivity of modules**	T4
Algebra	**Hayder Baqer Shelash*, Mohammad Jasim**	**Co-prime graph of subgroups of a nite groups**	T5
Combinatorics & Graph	**Maryam Shirali***	**Dominating sets in the perpendicular graphs of modules**	T6

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Chair: Azita Tajaddini
Coordinator: Haniyeh Shahidi

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Chair: Shahram Saeedi
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Chair: Somayeh Karimzadeh
Coordinator: Mahshid Khalouie

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Somayeh Hajirezaei
Coordinator: Hamid Zangiabadizadeh

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Ali Taherkhani
Coordinator: Reza Pourasghari

Day 4: Thursday, September 2, Time: 11:20 AM - 11:40 AM

Subject	Author(s)	Title	Link
Analysis	**Shirin Eivani*, Kamal Fallahi**	**Best proximity point of weak contraction**	T1
Numerical Analysis	**Hassan Majidian***	**On adaptive extended Filon-Clenshaw-Curtis rules**	T2
Analysis	**Tajedin Derikvand*, Rajab Ali Kamyabi Gol**	**Reconstructing image from noisy Radon projections using Shearlet transform**	T3
Algebra	**Neda Pakyari*, Esmaeil Rostami**	**The persistence property for submodules of a Dedekind module**	T4
Algebra	**Mohammad Roueentan*, Roghaieh Khosravi**	**On coregualr S-Acts**	T5
Combinatorics & Graph	**Fatemeh Sadat Mousavi, Masoumeh Nouri*, Nahid Siami**	**The oriented coloring of generalized Theta graphs**	T6

*: Speaker

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Chair: Gholam Reza Aghamollaei
Coordinator: Rezvan Iranmanesh

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Chair: Azita Tajaddini
Coordinator: Haniyeh Shahidi

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Shahram Saeedi
Coordinator: Narges Koohestani

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Chair: Somayeh Karimzadeh
Coordinator: Mahshid Khalouie

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Somayeh Hajirezaei
Coordinator: Hamid Zangiabadizadeh

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Ali Taherkhani
Coordinator: Reza Pourasghari

Day 4: Thursday, September 2, Time: 11:45 AM - 12:05 AM

Subject	Author(s)	Title	Link
Analysis	**Halimeh Ardakani*, Manijeh Salimi**	**A class of almost L*-Dunford–Pettis sets in Banach lattices**	T1
Numerical Analysis	**Mina Bagherpoorfard*, Fahimeh Akhavan Ghassabzade**	**New RungeKutta algorithm for a HIV/AIDS epidemic fractional order model**	T2
Analysis	**Tahereh Nazari*, Ali Reza Pourmoslemi, Shayesteh Rezaei**	**Some fixed point theorems in normed groups**	T3
Algebra	**Abdolaziz Hesari, Alireza Salehi***	**When $q(X)$ is a PF-ring**	T4
Algebra	**Roya Bahramian*, Neda Ahanjideh**	**Groups with few p-parts of co-degrees of irreducible character**	T5
Combinatorics & Graph	**Elham Sharifi Yazdi***	**The game chromatic index of special graphs**	T6

*: Speaker

Link T1: https://online1.uk.ac.ir/c_talk1
Chair: Gholam Reza Aghamollaei
Coordinator: Rezvan Iranmanesh

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Chair: Azita Tajaddini
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Chair: Shahram Saeedi
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Chair: Somayeh Karimzadeh
Coordinator: Mahshid Khalouie

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Somayeh Hajirezaei
Coordinator: Hamid Zangiabadizadeh

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Ali Taherkhani
Coordinator: Reza Pourasghari

Day 4: Thursday, September 2, Time: 12:10 AM - 12:30 AM

Subject	Author(s)	Title	Link
Analysis	**Mina Ghasemi*, Mohammad Javad Mehdipour**	**Homological properties of Banach algebras**	T1
آنالیز عددی	زکیه میراکبرزاده*، مرتضی سنجرانی پور، نسرین عبدالعلیان	بررسی چین‌خوردگی محیطی و محوری استوانه الاستیک در حال رشد به کمک روش عددی کامپوند ماتریس	T2
Analysis	**Amir Hossein Sanatpour*, Zahra Sadat Hosseini**	**BSE properties of little Bloch and Zygmund type spaces**	T3
Algebra	**Mina Pirzadeh*, Mansour Hashemi**	**On the number of solutions of commutator equation $[x, y] = g$ in a finite group of nilpotency class two**	T4
Algebra	**Leili Kamali Ardekani***	**The action of automorphisms of groups on fuzzy subgroups of dihedral groups**	T5
Combinatorics & Graph	**Mehdi Hassani***	**Asymptotic expansion of the number of derangements in terms of Bell numbers**	T6
Lunch Break			

*: Speaker

Link T1: https://online1.uk.ac.ir/c_talk1
Chair: Gholam Reza Aghamollaei
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Chair: Azita Tajaddini
Coordinator: Haniyeh Shahidi

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: Shahram Saeedi
Coordinator: Narges Koohestani

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Somayeh Karimzadeh
Coordinator: Mahshid Khalouie

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: Somayeh Hajirezaei
Coordinator: Hamid Zangiabadizadeh

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Ali Taherkhani
Coordinator: Reza Pourasghari

Day 4: Thursday, September 2, Time: 3:05 PM - 3:25 PM

Subject	Author(s)	Title	Link
Analysis	**Reza Pourkani*, Hassan Jamali**	**New methods to accelerate the frame algorithm**	T1
آنالیز عددی	آسیه یادگاری*، مریم عرب عامری	حل عددی معادله موج کسری با مشتق کسری تطبیق‌پذیر	T2
			T3
Algebra	**Elham Tavasoli*, Maryam Salimi**	**Homological properties of quadratic quotients of the Rees algebra**	T4
			T5
Combinatorics & Graph	**Elham Roshanbin***	**Poisson burning of graphs**	T6

*: Speaker

Link T1: https://online1.uk.ac.ir/c_talk1
Chair: Maryam Khosravi
Coordinator: Rezvan Iranmanesh

Link T2: https://online1.uk.ac.ir/c_talk2
Chair: Farid Saberi-Movahed
Coordinator: Haniyeh Shahidi

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: —
Coordinator: —

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Zahra Pourshafei
Coordinator: Mahshid Khalouie

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: —
Coordinator: —

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Morteza Mohammad-Noori
Coordinator: Reza Pourasghari

Day 4: Thursday, September 2, Time: 3:30 PM - 3:50 PM

Subject	Author(s)	Title	Link
Analysis	**Navid Sabzali***	**Amenability and super-amenability of generalized Feichtinger algebras**	T1
			T2
			T3
Algebra	**Maryam Salimi*, Elham Tavasoli**	**Connection between the classical and relative homological dimensions**	T4
			T5
Combinatorics & Graph	**Fatemeh Movahedi, Mohammad Hadi Akhbari***	**Some results on the open locating-total domination number in graphs**	T6

*: Speaker

Link T1: https://online1.uk.ac.ir/c_talk1
Chair: Maryam Khosravi
Coordinator: Rezvan Iranmanesh

Link T2: https://online1.uk.ac.ir/c_talk2
Chair: —
Coordinator: —

Link T3: https://online1.uk.ac.ir/c_talk3
Chair: —
Coordinator: —

Link T4: https://online1.uk.ac.ir/c_talk4
Chair: Zahra Pourshafei
Coordinator: Mahshid Khalouie

Link T5: https://online1.uk.ac.ir/c_talk5
Chair: —
Coordinator: —

Link T6: https://online1.uk.ac.ir/c_talk6
Chair: Morteza Mohammad-Noori
Coordinator: Reza Pourasghari

Parallel Posters

Day 2

Posters-Analysis

Day 2: Tuesday, August 31, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
Manijeh Salimi, Halimeh Ardakani*	**Strongly p-limited completely continuous spaces**	P1
Amir Aliyan*, Abolghasem Alishahi	**Finite sum of weighted composition operators on the Hardy spaces**	P1
Meysam Mosadeq*	**Some results on generalized module maps and ideal submodules of Finsler modules**	P1
Amir Pishkoo*	**Two major concepts in fractal calculus: Staircase function and characteristic function**	P1
Meysam Mosadeq*	**A method to construct a homomorphism on Hilbert modules**	P1

*: Presenter

Link P1: https://online1.uk.ac.ir/c_poster1

Chair: Mohammad Ali Vali

Coordinator: Fatemeh Afsharmanesh

Posters-Numerical Analysis

Day 2: Tuesday, August 31, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
Abumoslim Mohammadi*, Abolfazl Tari	**A new numerical method for time fractional KdV-Burgers equations**	P2
Mitra Moeini*	**A CIP method for solving PDEs problem on an unbounded domain by using artificial boundary conditions**	P2
Rooholah Abedian*	**Symmetrical hybrid WENO schemes based on the identification of extreme points**	P2
سمیه نعمتی، زهرا رضائی کلانسرا*	حل عددی معادلات دیفرانسیل تأخیری کسری غیرخطی با استفاده از توابع کلاهی تعمیم یافته	P2

*: Presenter

Link P2: https://online1.uk.ac.ir/c_poster2

Chair: Farid Saberi-Movahed

Coordinator: Fatemeh Rajabpour

Posters-Statistics & Probability

Day 2: Tuesday, August 31, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
Omid Kharazmi*, Mohsen Khosravi	**Parametric type of the Jensen-Fisher information divergence**	P3
Faranak Goodarzi*	**Lower and upper bounds for varentropy and varextropy**	P3
Ataouia Bakhtaoui*	**Asymptotic properties of the robust regression-based on censored and functional data**	P3
زهره نیکوروش*	بررسی آنتروپی تعمیم یافته فرآیند قدم زدن تصادفی روی گرافها	P3

*: Presenter

Link P3: https://online1.uk.ac.ir/c_poster3

Chair: Mohsen Madadi

Coordinator: Haniyeh Shahidi

Posters-Combinatorics & Graph

Day 2: Tuesday, August 31, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
Akram Ahmadi Nezhad Baghban*, Mehdi Ghiyasvand	**On the capacity of sum-networks based on characteristic of the finite field**	P4
Mojgan Afkhami, Zahra Barati*	**Planar iterated line graphs of $\Gamma_I(R)$**	P4
Ramin Nasiri*	**On reciprocal complementary Wiener number of cactus chains graphs**	P4
Ghurumuruhan Ganesan*	**Redundancy of linear codes based on finite rings**	P4
Sepideh Ghazvineh*, Mehdi Ghiasvand	**On the solvability of three-pair networks**	P4

*: Presenter

Link P4: https://online1.uk.ac.ir/c_poster4

Chair: Saeedeh Rashidi

Coordinator: Fatemeh Zarei

Posters-Algebra

Day 2: Tuesday, August 31, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
Mohammad Roueentan*, Mohammad Ali Naghipoor	**On C-epiretractable acts**	P5
Asghar Madadi*	**Rings with specific Lie ideals**	P5
Zahra Pourshafiey*	**A characterization of values $(l;m)$ such that $(l;m)2\Sigma(q)$**	P5
Mirsadegh Sayedsadeghi*	**Results on the monomial operations and normally torsion-freeness of monomial ideals**	P5
Alireza Najafizadeh*	**On a generalization of classical notion of the ring**	P5
Mohammad mehdi Nasrabadi, Sara Barin*	**The generalize of the absolute central auto morphisms group**	P5

*: Presenter

Link P5: https://online1.uk.ac.ir/c_poster5

Chair: Esmaiel Rostami

Coordinator: Zahra Bektashi

Posters-Differential Equations

Day 2: Tuesday, August 31, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
Samira Lecheheb*, Messaoud Maouni, Hakim Lakhal	**Existence of weak solutions to nonlinear problem with Neumann boundary conditions**	P6
Milad Fahimi*, Kazem Nouri, Leila Torkzadeh	**A stochastic model for Zika virus transmission**	P6
Armin Hadjian*	**A variational approach for some singular elliptic problems**	P6
Abdellatif Boutiara*	**Qualitative analysis of nonlinear fractional q-difference coupled system with q-integral boundary conditions via topological degree theory**	P6
Yasser Khalili*, Mohsen Khaleghi Moghadam	**Interior inverse problems for a Sturm-Liouville operator with an impulse**	P6

*: Presenter

Link P6: https://online1.uk.ac.ir/c_poster6

Chair: Mohammad Taghi Darvishi

Coordinator: Rezvan Iranmanesh

Posters-Geometry & Topology

Day 2: Tuesday, August 31, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
Mohammad Reza Farhangdoost*, Ahmad Reza Attari Polsangi	**Geometric relationships on hom-Lie color algebra extensions**	P7
Mahsa Abbasvand, Hajar Ghahremani-Gol*	**Vorticity on the compact Riemannian manifolds**	P7
Hamid Reza Yazdani*, Alireza Shojaeifard	**The application of hybrid methods between tensor and manifold theories in the image processing**	P7
Marziyeh Najafi*	**On (para)uniform MV-algebras**	P7
حمید غریب*	سیستم‌های خطی متناوب همراه با تراياها و وجود دورستگی روی کلاس های هموکلینیک	P7
غلامرضا سلطانی ابری*	روشی برای اثبات قضیه مورلی به کمک دایره های متناظر و متقارن	P7

*: Presenter

Link P7: https://online1.uk.ac.ir/c_poster7

Chair: Asadollah Razavi

Coordinator: Amir Iranmanesh

Parallel Posters

Day 3

Posters-Analysis

Day 3: Wednesday, September 1, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
Gholamreza Rahimlou*	**$(C;C')$-controlled g-fusion frames in Hilbert spaces**	P1
Razieh Gholipour*, Hamid Mazaheri Tehrani	**Best proximity point for $(\alpha-\Psi)$-contractive mapping**	P1
Nahid Sadat Mohseni*, Hashem Parvaneh Masiha	**Some fixed point theorems for weak contraction in Q-fuzzy metric spaces**	P1
Zakiye Khalili*, Mohammad Reza Miri, Alireza Janfada, Mohsen Niazi	**Linear maps on algebra of operators in Hilbert C^*-modules characterized by action on zero products**	P1
Asma Ilkhnizadeh Manesh*	**Rglt-majorization on $M_{n,m}$ and its linear preservers**	P1
Sedigheh Barootkoob*	**Biderivations and amenability of a pair of Banach algebras**	P1
Meysam Asadipour*	**An equivalent definition of the J-set**	P1

*: Presenter

Link P1: https://online1.uk.ac.ir/c_poster1

Chair: Mohammad Ali Vali

Coordinator: Haniyeh Shahidi

Posters-Numerical Analysis

Day 3: Wednesday, September 1, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
سید محمود ضابطزاده*	ارائه یک روش بدون شبکه جهت بررسی عددی مدل انتشار همرفتی با مشتقات کسری زمانی توزیع شده دو بعدی	P2
مرتضی بیشه نیاسر*، سمیرا بنی مهدی دهکردی	ساخت روش بلوکی هیبریدی بر اساس چندجمله‌ای‌های چبیشف نوع اول	P2
Ebrahim Azhdari*, Aram Emami, José Augusto Ferreira	**Transcorneal drug delivery enhanced by ultrasound-in silico experiments**	P2
Seyyed Amjad Samareh Hashemi*, Habibollah Saeedi	**A computational method for second order boundary value problems by wavelets**	P2
رقیه کتانی*	حل عددی معادله انتگرال حاصل از مدل‌بندی شبکه عصبی با استفاده از درونیابی گرانیگاهی	P2

*: Presenter

P2: https://online1.uk.ac.ir/c_poster2

Chair: Farid Saberi-Movahed

Coordinator: Pouya Heydarabadi

Posters-Statistics & Probability

Day 3: Wednesday, September 1, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
فرشته آراد*، ایوب شیخی	معرفی توزیع چوله دو-متغیره بر مبنای مفصل گوسی	P3
Zohreh Mohammadi*	**A new asymmetric distribution generated by Laplace distribution**	P3
Hani Ben Abdallah*, Lazhar Tamer	**Stochastic maximum principle of Markov regime switching forward stochastic differential equations with jumps**	P3
Hayat Ramdani*, Amina Angelika Bouchentouf, Lahcene Yahiaouil	**On feedback queueing system with customers' impatience, multiple working vacations and Bernoulli schedule vacation interruption**	P3

*: Presenter

P3: https://online1.uk.ac.ir/c_poster3

Chair: Mohsen Khosravi

Coordinator: Siavash Ebrahimi

Posters-Math Education

Day 3: Wednesday, September 1, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
مرجان معیری*، آسیه ابراهیم زاده	کارایی الگوی تدریس معادلات دیفرانسیل بر اساس نقشه مفهومی بر رویکردهای یادگیری دانشجومعلمان	P4
مصطفی شعبانی*، نرگس یافتیان	مروری بر باورهای رایج درباره ریاضی	P4
احسان موحدنیا*، محمد صالحی ویسی	راهکارهایی برای اشتغال پذیری و مهارت افزایی دانشجویان ریاضی و آمار	P4
عاطفه دلاوری*، مهدی ایزدی، ابراهیم ریحانی	تحلیل محتوای کتاب ریاضی پایه نهم بر اساس تکالیف ارائه شده در آن	P4
Narges Haj Aboutalebi*	**Investigating the relationship between the number of sessions attended in online math classes and students and final exam**	P4

*: Presenter

P4: https://online1.uk.ac.ir/c_poster4

Chair: Abolfazl Rafie Pour

Coordinator: Fatemeh Zarei

Posters-Algebra

Day 3: Wednesday, September 1, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
Ali Moradzadeh Dehkordi*	***RD*-injectivity from a different perspective**	P5
Alireza Olfati*	**Classical ring of quotients of rings of continuous integer-valued functions**	P5
نصرت‌اله شجره‌پور صلواتی*	یک تعمیم ساختاری برای گروهها	P5
Masoumeh Sajjadi*, Maryam Sajjadi	**Characterization of $L2(27)$ and $L2(32)$ by the number of sylow subgroups**	P5

*: Presenter

Link P5: https://online1.uk.ac.ir/c_poster5

Chair: Reza Nekooei

Coordinator: Fatemeh Rajabpour

Posters-Differential Equations

Day 3: Wednesday, September 1, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
Abdul Hussain Surosh*, Reza Khoshsiar Ghaziani, Javad Alidousti	**Stability and Hopf bifurcation of an autonomous chaotic system via time-delayed feedback control method**	P6
سعید شعبانیان*	**بازگشت پوانکاره**	P6
Amir Peyravi*	**Existence of weak solutions for a dispersive wave equation with strong damping, nonlinear boundary source term and interior logarithmic nonlinearity**	P6
Yamin Sayyari*, Mehdi Dehghanian	**Entropy for multi-valued maps**	P6
Hajar Alimorad*	**A simple method for finding private solution of Riccati equation**	P6

*: Presenter

Link P6: https://online1.uk.ac.ir/c_poster6

Chair: Mohammad Taghi Darvishi

Coordinator: Amir Iranmanesh

Parallel Posters

Day 4

Posters-Analysis

Day 4: Thursday, September 2, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
Ebrahim Amini*	**Some properties on strongly star like functions related to Geometric structure based on q-derivative**	P1
Shirin Eivani*, Kamal Fallahi	**Existence fixed point in orthogonal b-metric spaces**	P1
Mohammad Reza Farmani*, Amir Khosravi	**Woven Frame and Riesz basis in Hilbert C^*-modules**	P1
Navid Sabzali*	**Generalized harmonic analysis on the Amalgam spaces**	P1
Amir Ghasem Ghazanfari, Somayeh Malekinejad*	**New inequalities for entropy and Tsallis entropy of two accretive operators**	P1

*: Presenter

Link P1: https://online1.uk.ac.ir/c_poster1

Chair: Mohammad Ali Vali

Coordinator: Fatemeh Afsharmanesh

Posters-Optimization

Day 4: Thursday, September 2, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
کاظم عبداله پور*	استفاده از رویکرد مدل‌سازی و کاربرد در بهینه سازی حجم جعبه	P2
Javad Tayyebi*, Hamid Bigdeli	**Inverse matroid optimization problem under weighted Chebyshev distance**	P2
آسیه درازهی*، مریم علی پور، سمانه صردی زید	حل مسائل کنترل بهینه کسری تاخیری بااستفاده ازچندجمله های لاگر	P2
طاهره شکوهی*، سمانه صردی زید، مهدی الله دادی	یک روش محاسباتی جدید برای حل رده‌ای از مسائل کنترل بهینه بازه‌ای	P2

*: Presenter

Link P2: https://online1.uk.ac.ir/c_poster2

Chair: Mohammad Hossein Daryaee

Coordinator: Samie Baniasadi

Posters-Financial Mathematics

Day 4: Thursday, September 2, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
اسماء سلطانی*	مدل‌های انتخاب سبد سرمایه‌گذاری در فضاهای غیرقطعی	P3
اسماء سلطانی*، محمد حسین دریائی گوکی	مدل انتخاب سبد سرمایه‌گذاری در محیط فازی	P3
محدثه شریفی زاده سیرچی*، محمد ایزدی	ارزشگذاری اختیار معامله بر اساس یک روش ترکیبی	P3
محمد فرحناکی*	مدل‌سازی مالی توسط فرآیندهای لِوی	P3

*: Presenter

Link P3: https://online1.uk.ac.ir/c_poster3

Chair: Mohammad Jelodari Mamaghani

Coordinator: Akram Nourmohammadi

Posters-Miscellaneous

Day 4: Thursday, September 2, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
علی ایرانمنش*، آزیتا تاج الدینی	بررسی کیفیت نرخ همگرایی روش باقیمانده مینیمال تعمیم یافته کلی با شروع مجدد	P4
ساجده خیراندیش*، سید مهدی کرباسی، اعظم صادقیان	فشرده‌سازی تصویر با استفاده از الگوریتم کدگذاری کوتاه کردن بلوک و نرمال‌سازی داده‌ها توسط تجزیه مقدار تکین بلوکی	P4
Roohallah Daneshpayeh*, Akbar Rezaei	**Integral pseudo MTl-algebras**	P4
Amir Rezaie*	**Antibiotics and bacteria**	P4
Mohammad Javad Nadjafi-Arani*, Saeed Doostali	**A workflow scheduling algorithm based on lattice theory**	P4
Abbas Allahyari*, Keivan Borna	**Visual question answering on clever dataset via multimodal fusion and relational reasoning**	P4

*: Presenter

Link P4: https://online1.uk.ac.ir/c_poster4

Chair: Azim Rivaz

Coordinator: Zahra Bektashi

Posters-Differential Equations

Day 4: Thursday, September 2, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
Adel Lachouri* Abdelouaheb Ardjouni	**Positive solutions for a class of nonlinear fractional integro-differential equation involving Caputo-Hadamard fractional derivative**	P5
رضا اکبری*، محمد شهریاری	مساله معکوس اشتورم-لیوویل معین چپ با یک نقطه برگردان	P5
Bouchra Azzaoui*, Zaid Laadjal, Brahim Tellab	**Existence and uniqueness of positive solutions for a class of integro-differential equations**	P5
Reza Akbari*	**Lyapunov function for a compartmental model in epidemiology**	P5
Shiva Eshaghi*, Yadollah Ordokhani	**Numerical solution of generalized fractional Volterra integro-differential equations via approximation the Bromwich integral**	P5

*: Presenter

Link P5: https://online1.uk.ac.ir/c_poster5

Chair: Mohammad Taghi Darvishi

Coordinator: Fatemeh Rajabpour

Posters-Geometry & Topology

Day 4: Thursday, September 2, Time: 13:30 PM - 14:00 PM

Author(s)	Title	Link
محمد محمودی*، مهدی لطفی زاده	ابرعملگر کوانتومی دیراک روی ابرکره‌ی q-تغییر شکل یافته‌ی فازی	P6
Maryam Yaghoubi*	**Fuzzy Quasi-uniformities by entourage**	P6
Firooz Pashaie*	**On high-order stability of spacelike hypersurfaces in Lorentz-Minkowski space**	P6
هادی سعیدی*، محسن امیری بیدشکی	فضاهای برداری توپولوژیکی	P6
Samaneh Saberali*	**On concircular transformations in Finsler geometry**	P6

*: Presenter

Link P6: https://online1.uk.ac.ir/c_poster6

Chair: Naser Hosseini

Coordinator: Amir Iranmanesh