

# AIMC46 Schedule Talks

Day	Time	Place	Task
Tuesday	08:00-09:00	Receptionist's Desk	Reception
	09:00-11:00	Dr. J. Shahi's Hall	Opening Ceremony
	11:00-11:30	Dr. J. Shahi's Hall	Break
	11:30-12:30	Dr. J. Shahi's Hall	Plenary Speaker (Prof. Ch. Praeger)
	12:30-14:30	University's Restaurant	Lunch
	18:00-20:00	Dr. J. Shahi's Hall	Discussion Session on Ethics in Mathematical Research
	19:30-21:00	University's Restaurant	Dinner

Day	Time	Place	Topic	Author(s)	Title	Code
Tuesday	14:30-14:50	Hall 5	Algebra	Hesam Safa, Homayoon Arabyani and Mohammad Farrokhi	On subgroups with large relative commutativity degrees	46655
	14:30-14:50	Hall 6	Analysis	Morteza Essmaili and Mohammad Fozouni	On a new notion of injectivity of Banach modules	11806
	14:30-14:50	Hall 2	Analysis	فرانک فلاح، عزیزاله باباخانی و حمزه آگاهی	نامساوی مینکوفسکی برای انتگرال کسری اگر اوال	79381
	14:30-14:50	Hall 1	Differential Equations & Control Theory	Nasim Chamangard Khorram Abad and Mohammad Reza Ahmadi Darani	An approximation of a two-dimensional Volterra-Fredholm integral equations via inverse multiquadric RBFs	10690
	14:30-14:50	Hall 4	Numerical Analysis	Somayeh Zangoei Zadeh	The interval matrix equation $\mathbf{A}X\mathbf{B}=\mathbf{C}$	16857
	14:30-14:50	319	Operations Research	Samane Motevalli Ashkezari and Jafar Fathali	A genetic algorithm for finding the semi-obnoxious (k,l)-core of a network	76509
	14:50-15:10	Hall 5	Algebra	Mohammad Javad Ataei	Minimum size of intersetion for covering groups by subgroups	35963
	14:50-15:10	Hall 6	Analysis	Hamid Mazaheri	Chebyshevity and proximity in quotient spaces	43457
	14:50-15:10	Hall 2	Analysis	Mostafa Sattari and Mohammad Sal Mosehian	Some inequalities for the numerical radius of operators	94590
	14:50-15:10	320	Differential Equations & Control Theory	Najmeh Hosseinipour-Mahani and Alaeddin Malek	A neurodynamic model for solving invex optimization problems	99563
Tues day	14:50-15:10	Hall 1	Differential Equations & Control Theory	P. Darania and A. Soltani Jojehi	Variational formulation for the stochastic PDEs with multiplicative noise	11542

14:50-15:10	Hall 4	Numerical Analysis	Saeed Karimi	A preconditioned method for approximating the generalized inverse of large matrices	27279
14:50-15:10	319	Operations Research	Mahnoosh Salari	Solving fuzzy LR interval linear systems using Ghanbari and Mahdavi-Amiri's Method	80470
14:50-15:10	307	Algebra	Mohammad Esmkhani	Independence graph of a vector space	27217
15:10-15:30	Hall 5	Algebra	Rasoul Soleimani	Class preserving automorphisms of finite $p$ -groups	81223
15:10-15:30	Hall 6	Analysis	Ali Zamani and Mohammad Sal Moslehian	Orthogonality preserving mappings in inner product $C^*$ -modules	10230
15:10-15:30	Hall 2	Analysis	Mahmood Haji Shaabani and Fateme Zeydabadi	Two modes of limit in probabilistic normed spaces	71607
15:10-15:30	320	Differential Equations & Control Theory	Ramzan Rezaeyan and Mohammad Ali Jafari	Confidence interval for number of population in stochastic exponential population growth models with mixture noise	97588
15:10-15:40	307	Analysis	Mohammad Fozouni	On two types of approximate identities	72749
15:10-15:30	Hall 1	Differential Equations & Control Theory	Sajad Kosari	Using Chebyshev polynomial's zeros as mesh points for numerical solution of linear and nonlinear PDEs by differential quadrature method-based RBFs	24880
15:10-15:30	Hall 4	Numerical Analysis	Mohammad Izadi	Constructing an $H$ -matrix via Randomized Algorithms	96380
15:10-15:30	319	Operations Research	Behzad Nemati Saray, Farid Heidarpoor and Seyed Mahdi Karbasi	Multiwavelets Galerkin method for solving linear control systems	85615
15:30-15:50	307	Algebra	Salvatore Siciliano and Hamid Usefi	Lie structure of smash products	23900
15:30-15:50	Hall 5	Algebra	Behnam Talaei	Torsion theory cogenerated by a class of modules	24291
15:30-15:50	Hall 6	Analysis	Nayereh Gholamian and Mahnaz Khanehgir	Some fixed point theorems for $C^*$ -algebra-valued $\alpha$ -contractive mappings	62740
15:30-15:50	Hall 2	Analysis	Halimeh Ardakani and Manijeh Salimi	Some results on almost L-Dunford--Pettis sets in Banach lattices	47197
15:30-15:50	320	Differential Equations & Control Theory	Ali Shokri and Erfan Bahmani	Direct meshless local Petrov-Galerkin (DMLPG) method for numerical solution of 2D nonlinear Klein-Gordon equation	93353
15:30-15:50	Hall 1	Differential Equations & Control Theory	Hamid Baghani and Javad Farrokhi	On existence, uniqueness and stability of solutions of a nonlinear integral equation	57789
15:30-15:50	Hall 4	Numerical Analysis	Esmaeil Kokabifar and Ghasem Barid Loghmani	Inverse eigenvalue problem for a matrix polynomial	96953

Tuesday	15:30-15:50	319	Operations Research	Soraya Ezazipour and Ahmad golbabai	A delayed-projection neural networks to solve bilevel programming problems	94509
	15:50-16:10	307	Algebra	Fatemeh Mirzaei and Reza Nekooei	on prime submodules and hypergraphs	28468
	15:50-16:10	Hall 5	Algebra	Mohammad Ali Esmkhani and Yasin Sadegh	On the number of minimal prime ideals	64493
	15:50-16:10	Hall 6	Analysis	Ali Reza Khoddami	Best approximation in normed left modules	72510
	15:50-16:10	Hall 2	Analysis	Mohammad Husein Labbaf Ghasemi Zavareh and Noha Eftekhari	Some results on best proximity pairs in Banach lattice spaces	26954
	15:50-16:10	320	Differential Equations & Control Theory	Sayyede Zahra Nazemi	Existence results for a $\mathbb{R}$ -dimensional system of multi-term fractional integro-differential equations with anti-periodic boundary value problems	99654
	15:50-16:10	Hall 1	Differential Equations & Control Theory	Mojtaba Sajjadmanesh and Parisa Vafadar	Steklov problem for a three-dimensional Helmholtz equation in bounded domain	30360
	15:50-16:10	Hall 4	Numerical Analysis	Elham Malekifard and Esmail Babolian	A method of particular solutions with Chebyshev basis functions for systems of multi-point boundary value problems	55872
	15:50-16:10	319	Operations Research	مهرداد سارانی	حل مسئله کوله پشتی محدود بر اساس محاسبات بیولوژیکی	29907
	16:10-16:30	Hall 5	Algebra	Sedigheh Moradi	2-absorbing submodules and flat modules	98622
	16:10-16:30	307	Algebra	Zahra Yazdanmehr and Nahid Ashrafi	Congruence on a ternary monoid generated by a relation	72765
	16:10-16:30	Hall 6	Analysis	Kamal Fallahi	On chatterjea contractions in metric space with a graph	76015
	16:10-16:30	Hall 1	Differential Equations & Control Theory	Zohreh Sadeghi and Reza Khoshsiar	Dynamic analysis of a fractional-order prey-predator model	45938
	16:10-16:30	320	Differential Equations & Control Theory	Shiva Eshaghi and Alireza Ansari	Green's function for fractional differential equation with Hilfer derivative	91844
	16:10-16:30	Hall 2	Differential Equations & Control Theory	Majid Gazor and Mahsa Kazemi	Singular normal forms and computational algebraic geometry	36095
	16:10-16:30	Hall 4	Numerical Analysis	Malihe Shaibani, Azita Tajaddini and Mohammad Ali Yaghoobi	Nested splitting conjugate gradient method for solving generalized Sylvester matrix equation	33487
16:10-16:30	319	Operations Research	فسانه محمودی و مصطفی خرمی زاده	بررسی کارای چندین ساختار همسایگی برای حل مساله مسیریابی وسایل نقلیه با ناوگان ناهمگن	37151	

	16:30-17:00			<b>Break</b>		
<b>Tuesday</b>	17:00-17:20	307	Algebra	Abdolali Basiri, Sajjad Rahmany and Monireh Riahi	A new algorithm to compute secondary invariants	89349
	17:00-17:20	Hall 5	Algebra	Mojtaba Sedaghatjoo	Monoids over which products of indecomposable acts are indecomposable	55302
	17:00-17:20	Hall 6	Analysis	Asieh Sadeghi Hafshejani and Seyed Mohammad Moshtaghioun	Fixed points of generalized contractions on intuitionistic fuzzy metric spaces	74728
	17:00-17:20	Hall 2	Analysis	Mitra Shamsabadi and Ali Akbar Arefijamaal	Fusion Riesz basis	25922
	17:00-17:20	320	Differential Equations & Control Theory	Mahsa R. Moghaddam and Kazem Ghanbari	Isospectral matrix flows and numerical integrators on Lie groups	67894
	17:00-17:20	Hall 1	Differential Equations & Control Theory	حبیبہ رحمانی نعیم آبادی و شکوفہ صیاد	سیستم‌های دینامیکی دنباله‌ای (SDS) وارون پذیر	79318
	17:00-17:20	Hall 4	Numerical Analysis	Zinat Taghipour and Jalil Rashidinia	Sinc-Galerkin method for solving parabolic equations	88305
	17:00-17:20	319	Operations Research	مه‌رآسا آیت‌اللهی، فاطمه امینی و الهام واثقی	پایداری ورودی-خروجی کراندار برای سیستم‌های کنترل خطی فازی	51202
	17:20-17:40	Hall 5	Algebra	Roghaieh Khosravi	On direct products of $\mathbb{S}\mathbb{S}\mathbb{S}$ -posets	61747
	17:20-17:40	307	Algebra	Hossein Shojaei and Reza Ameri	On hypergroups with trivial fundamental group	94954
	17:20-17:40	Hall 6	Analysis	Hossein Piri	CQ method for fixed points of left amenable semigroup	76866
	17:20-17:40	Hall 2	Analysis	Abbas Askarizadeh and Alireza Hosseini Dehmiry	Finding the re-scalability coefficient vector for scalable frames	29600
	17:20-17:40	320	Differential Equations & Control Theory	Mojtaba Sajjadmanesh and Parisa Vafadar	Lie group classification of the Kuramoto-Sivashinsky equation	99578
	17:20-17:40	Hall 1	Differential Equations & Control Theory	مهران محمدی و حسین خیری	کنترل بهینه‌ی یک مدل بیماری عفونی با واکسیناسیون و درمان	82305
	17:20-17:40	Hall 4	Numerical Analysis	Yasin Fadaei and Mahmoud Mohseni Moghadam	A greedy meshless method for solving boundary value problems	97770
	17:20-17:40	319	Operations Research	فریده محمودپور و فهیمه بیگلری	تکنیک میرا برای روش BFGS حافظه محدود جهت بهینه سازی در مقیاس بزرگ	55325
	17:40-18:00	Hall 5	Algebra	A.H. Nokhodkar	On split Clifford algebras with involution in characteristic two	87580
	17:40-18:00	Hall 1	Differential Equations &	Mehdi Zeinadini, Sadegh Zibaei and Mehran Namjoo	A new nonstandard finite difference scheme for Burger equation	73520

		Control Theory				
17:40-18:00	320	Financial Mathematics	Mohammad Jelodari Mamaghani	Arbitrage and curvature		78564
17:40-18:00	Hall2	Analysis	Farideh Monfared and Sedigheh Jahedi	Some results concerning 2-frames		71864
17:40-18:00	Hall 4	Numerical Analysis	Zeinab Taheri and Shahnam Javadi	A new method for Lane-Emden type equation in terms of shifted orthonormal Bernestein polynomial		93880
17:40-18:00	319	Operations Research	محسن کولانی، امید قیصر قراملکی و مسلم ولیزاده	تعمیم مسأله‌ی هزینه کمینه جریان در شبکه و بررسی کارایی آن		57832
17:40-18:00	307	Algebra	Farangis Johari, Mohsen Parvizi and Peyman Niroomand	2-capability and 2-exterior center of a group		42086
18:00-18:20	Hall 1	Differential Equations & Control Theory	Hossein Kheiri, Morteza Zereh poush, Parvaneh Agha mohammad zadeh	A mathematical model of hepatitis E virus transmission and...		60871
18:00-18:20	Hall 5	Algebra	Arsham Borumand Saeid, Esfandiar Eslami and Saeide Zahiri	Positive implicative filters in triangle algebras		91932
18:00-18:20	Hall 2	Analysis	Abdolaziz Abdollahi and Hashem Najafi	Classification of frame graphs by dimension		34120
18:00-18:20	Hall 6	Analysis	Marzieh Ahmadi Baseri and Hamid Mazaheri	Some results on t-remotest points and t-approximate remotest points in fuzzy normed spaces		37571
18:00-18:20	Hall4	Numerical Analysis	Ali Mohammad Nazari and Atiyeh Nezami	Inverse eigenvalue problem of nonnegative bisymmetric matrices of order $\leq 4$		78535
18:00-18:20	320	Operations Research	فرزانه حیدری	بررسی دسته‌ای از نامساویهای معتبر برای مساله پستیچی چینی با سود بیشینه		59469
18:00-18:20	319	Operations Research	Saeed seyed agha Banihashemi, Hadi Ziaei and Tahereh Asadi	Coexistence of game theory in social science		84389

# AIMC46 Schedule Talks

Day	Time	Place	Task	
Wednesday	07:00-8:00	University's Restaurant	Breakfast	
	08:00-09:00	307	Plenary Speaker (Prof. Mir-Mohammad-Rezaei)	Parallel
	08:00-09:00	Hall 5	Plenary Speaker (Prof. Jan Trlifaj)	
	08:00-09:00	Hall 4	Plenary Speaker (Prof. Jimenez)	
	08:00-09:00	Hall 3	Plenary Speaker (Prof. Arumugam)	
	08:30-09:00	Hall 6	Invited speaker (Prof. Madjid Eshaghi Gordji)	
	09:00-09:30	Hall 1	Invited Speaker (Dr. Koushesh)	Parallel
	09:00-09:30	Hall 3	Invited Speaker (Dr. Ghorbani)	
	09:00-09:30	Hall 5	Invited Speaker (Prof. Mitrovic)	
	09:00-09:30	320	Invited Speaker (Dr. Gazor)	
	09:00-09:30	307	Invited Speaker (Dr. Mohades)	
	12:30-14:30	University's Restaurant	Lunch	
	14:30-15:30	Hall 3	Plenary Speaker (Prof. Das)	Parallel
	14:30-15:30	Hall 5	Plenary Speaker (Prof. Ameri)	
	14:30-15:30	Hall 6	Plenary Speaker (Prof. Emamizadeh)	
	17:00-19:00	Dr. J. Shahi's Hall	IMS Public Forumn	
	19:30-21:00	University's Restaurant	Dinner	
21:00-22:00	Dr. J. Shahi's Hall	Cultural Event: Traditional Music		

Day	Time	Place	Topic	Author(s)	Title	Code
Wednesday	09:00-09:20	Hall 2	Analysis	Davood Alimohammadi and Sajedeh Sefidgar	Compact composition operators on real Lipschitz spaces of complex-valued bounded functions	29575
	09:00-09:20	Hall 4	Numerical Analysis	Mohammad Izadi	Numerical treatment of coupling of two hyperbolic conservation laws by local discontinuous Galerkin methods	30616
	09:00-09:20	Hall 6	Analysis	Massoud Amini, George A. Elliott and Yasser Golestani	C*-algebras and dynamical systems, a categorical approach	97170
	09:00-09:20	319	Operations Research	Shahram Morowati-Shalilvand and Mehdi Djahangiri	Vitality of nodes in networks carrying flows over time	11936

09:20-09:40	Hall 2	Analysis	K. Esmaeili	Weighted composition operators on spaces of analytic vector-valued Lipschitz functions	43282
09:20-09:40	Hall 4	Numerical Analysis	T. Dehghn Niri	A computational algorithm for the inverse of positive definite tri-diagonal matrices	91255
09:20-09:40	319	Operations Research	Amineh Ghazi, Farhad Hosseinzadeh Lotfi and Masoud Sanei	A three-stage Data Envelopment Analysis model on fuzzy data	12567
09:20-09:40	Hall 6	Analysis	Pandora Raja	Connectivity of idempotent graph of bounded linear operators on a Hilbert space	71021
09:40-10:00	Hall 5	Algebra	Seyed Hassan Alavi	Group factorisations and associated geometries	98137
09:40-10:00	Hall 6	Analysis	Fatemeh mohmedi, Behnoosh Salimiyan and Maryam Shams	Fixed point theorems in probabilistic metric space and intuitionistic probabilistic metric space	74665
09:40-10:00	Hall 2	Analysis	ابراهيم تمیمی	تخمین بزرگی مشتق چند جمله‌ای‌های موجکی	14172
09:40-10:00	Hall 3	Combinatorics	Saeedeh Rashidi and Nasrin Soltankhah	One-solely balanced sets and related Steiner trades	12625
09:40-10:00	Hall 1	Differential Equations & Control Theory	Hajar Arebi , Esmail Hesameddini	Comparison between the Direct and local discontinuous Galerkin methods for the third order kdv equation	13767
09:40-10:00	307	Geometry & Topology	Fereshteh Malek and Mahboobeh Samanipour	A generalization of contact metric manifolds	26501
09:40-10:00	Hall 4	Numerical Analysis	Habibollah Saeedi and Najmeh Alavi	An operational matrix of fractional integration based on Gegenbauer wavelet	80518
09:40-10:00	319	Operations Research	Samaneh Soradi Zeid and Ali Vahidian Kamyad	A new method for solving fractional optimal control problem	16352
09:40-10:00	320	Operations Research	سحر راهدار و رضا قنبری	یک مدل جدید برای مساله مکان‌یابی پایانه اتوبوس‌رانی و یک الگوریتم جستجوی محلی برای حل آن	59996
10:00-10:30	<b>Break</b>				
10:30-10:50	Hall 5	Algebra	Ashraf Daneshkhah	Frobenius semirational groups	62731
10:30-10:50	Hall 6	Analysis	Hamid Shayanpour and Asiyeh Nematizadeh	Fixed point theory for Ciric-type-generalized $\varphi$ -probabilistic contraction maps in probabilistic Menger spaces	90835
10:30-10:50	Hall 3	Combinatorics	Hanieh Amjadi and Nasrin Soltankhah	On the construction of $\varphi$ -way $\varphi$ -homogeneous Steiner trades	50251
10:30-10:50	Hall 1	Differential Equations & Control Theory	Seyed Rouhollah Alavizadeh and Farid (Mohammad) Maalek Ghaini	A spectral method for the solution of KdV equation via orthogonal rational basis functions	86868
10:30-10:50	Hall 2	Analysis	Ali Taghavi and Vahid Darvish	Some new singular value inequalities for compact operators	12344

10:30-10:50	307	Geometry & Topology	Nasrin Malekzadeh and Esmail Abedi	Classification pseudosymmetric $(\kappa, \mu)$ -contact metric manifolds	10880
10:30-10:50	Hall 4	Numerical Analysis	P. Darania	Convergence of Nyström method for nonlinear weakly singular Volterra functional integral equations	61672
10:30-10:50	319	Operations Research	Behrooz Alizadeh and Roghayeh Etemad	An optimal algorithm for reverse obnoxious center location problems on graphs	19400
10:30-10:50	320	Operations Research	فرشید ارزانی و محمدرضا پیغامی	ارایه یک روش مبتنی بر فیلتر برای حل دستگاه‌های یکنوا در فضای هیلبرت	62192
10:50-11:10	Hall 5	Algebra	Mahmoud Hassanzadeh and Zohreh Mostaghim	The subgroup generated by small conjugacy classes	81382
10:50-11:10	Hall 2	Analysis	Maryam Hosseini, Azizollah Babakhani and Hamzeh Agahi	A generalized Hermite-Hadamard type inequality for $h$ -convex functions via fractional integral	14746
10:50-11:10	Hall 6	Analysis	Shahnaz Jafari and Maryam Shams	Some fixed point results in non-Archimedean probabilistic Menger space	80562
10:50-11:10	Hall 3	Combinatorics	Reza Nikandish	Some results on the annihilator graph of a commutative ring	64657
10:50-11:10	Hall 1	Differential Equations & Control Theory	Sarah Saeidi Gholikandi and Massoud Amini	Irreducible Smale spaces	88716
10:50-11:10	307	Geometry & Topology	E. Abedi, G.H. Haghghatdoost, S.M. Mousavi	New results on induced almost contact structure on product manifolds	64299
10:50-11:10	Hall 4	Numerical Analysis	Meisam Jozi and Saeed Karimi	A fast iterative method for solving first kind linear integral equations	17426
10:50-11:10	319	Operations Research	Zahra Rafiei and Behzad Kafash	Using Chebyshev wavelet in state-control parameterization method for solving time-varying system	38899
10:50-11:10	320	Operations Research	سید حسن طاهری و علی چوپانکاره	ارائه الگوریتم ابتکاری برگرفته از رفتار شیرها برای حل مساله های بهینه سازی	68598
11:10-11:30	Hall 5	Algebra	Adeleh Abdolghafourian, Mohammad A. Iranmanesh and Alice C. Niemeyer	Divisibility Graph for some finite simple groups	96178
11:10-11:30	Hall 6	Analysis	Mohammad Esmael Samei and Esmail Feizi	Fixed point theorem for mappings satisfying contractive condition of integral type on intuitionistic fuzzy metric space	64082
11:10-11:30	Hall 3	Combinatorics	Somayeh Jahari and Saeid Alikhani	Domination polynomial of generalized friendship graphs	62258
11:10-11:30	Hall 1	Differential Equations &	Elham Javidmanesh	Hopf bifurcation in a general class of delayed BAM neural networks	91657

		Control Theory				
11:10-11:30	307	Geometry & Topology	Mansour Aghasi and Mehri Nasehi	Curvature properties and totally geodesic hypersurfaces of some para-hypercomplex Lie groups	27742	
11:10-11:30	319	Operations Research	Narges Hoseinpour and Mehrdad Ghaznavi	A Newton-type method for multiobjective optimization problems	48518	
11:10-11:30	320	Operations Research	ندا امیری، فرهاد حمیدی و حسن میش مست نهی	حل مسئله برنامه‌ریزی خطی دوترازه‌ی کسری با ضرایب بازه‌ای در توابع هدف	73277	
11:10-11:30	Hall 4	Numerical Analysis	عفت گلپر رابوکی و نفیسه انصاری	تجزیه SDD و کاربرد آن در بازشناسی ارقام دست نوشته فارسی	95871	
11:30-11:50	Hall 5	Algebra	Marzieh Chakaneh, Azam Kaheni and Saeed Kayvanfar	Capability of groups satisfying a certain bound for the index of the center	78470	
11:30-11:50	Hall 6	Analysis	Fatemeh Hemati and Hamid Mazahri	Exist and uniqueness of $p$ -best approximation in fuzzy normed spaces	65198	
11:30-11:50	Hall 2	Analysis	Maryam Mohsenipour and Ghadir Sadeghi	Real interpolation method of martingale spaces	24487	
11:30-11:50	Hall 1	Differential Equations & Control Theory	حاجی محمد محمدی نژاد و محمد درویشی	برآورد ناحیه پایداری و وجود جواب پریودیک معادله ماتیو	53972	
11:30-11:50	Hall 3	Combinatorics	Ali Behtoei	On the signed Roman domination number of graphs	25729	
11:30-11:50	307	Geometry & Topology	Abdo Reza Armakan and Mohammad Reza Farhangdoost	Existence of extensions for generalized Lie groups	19424	
11:30-11:50	Hall 4	Numerical Analysis	Rahman Akbari and Reza Mokhtari	A compact finite difference method without using Hopf-Cole transformation for solving 1D Burgers' equation	31542	
11:30-11:50	319	Operations Research	Benyamin M. Alizadeh, Sajjad Rahmany and Abdolali Basiri	An efficient computational algebraic method for convex polynomial optimization	67155	
11:30-11:50	320	Operations Research	نگار صلاحی	حل برنامه ریزی خطی دو ترازه با استفاده از الگوریتم ژنتیک	81671	
11:50-12:10	Hall 5	Algebra	Mahdi Ebrahimi and Ali Iranmanesh	Some properties of the character graph of a solvable group	25822	
11:50-12:10	Hall 6	Analysis	Hamid Reza Khademzadeh	Monotonicity and dominated best proximity pair in Banach lattices and some applications	47370	
11:50-12:10	Hall 2	Analysis	Ali Parsian and Maryam Masoumi	On the zeroes of the elliptic operator	26131	
11:50-12:10	Hall 3	Combinatorics	Adel P. Kazemi and Nasrin Malekzadeh	Total domination number of a family of graph product	11317	
11:50-12:10	Hall 1	Differential Equations & Control Theory	مهدی فاتحی‌نیا و غفار داداشی‌شنبرکی	پایداری زمان-ثابت و خاصیت سایه‌زنی	94165	

11:50-12:10	307	Geometry & Topology	Somayeh Soltanpour	On a subalgebra of $C(X)$ containing $C_c(X)$	65783
11:50-12:10	Hall 4	Numerical Analysis	Elham Malekifard and Jamshid Saeidian	Solving a multi-order fractional differential equation using the method of particular solutions	61443
11:50-12:10	319	Operations Research	Javad Esmaeili and Hojjat Ahsani Tehrani	Control of fractional discrete-time linear systems by partial eigenvalue assignment	67667
12:10-12:30	Hall 5	Algebra	Hamid Reza Dorbidi	Domination number of the order graph of a group	59070
12:10-12:30	Hall 6	Analysis	Sajjad Karami and Hamid Reza Khademzade	Best proximity points for cyclic generalized contractions	13162
12:10-12:30	Hall 2	Analysis	S. M. Manjegani and S. Moein	Inequalities for Keronecker product of matrices	45818
12:10-12:30	Hall 3	Combinatorics	میثم رجعتی باویل علیایی و محمدرضا هوشمنداصل	یافتن آلفا جورسازی رنگی با استفاده از الگوریتم موازی پیشنهادی	43658
12:10-12:30	Hall 1	Differential Equations & Control Theory	Tahereh Haghi and Kazem Ghanbari	Some properties Sturm-Liouville problem with fractional derivative	58055
12:10-12:30	Hall 4	Numerical Analysis	Hamid Moghaderi and Mehdi Dehghan	Solving two-dimensional FitzHugh-Nagumo model with two-grid compact finite difference (CFD) method	61774
12:10-12:30	319	Operations Research	M. R. Safi, T. Hoseini Khah and S. S. Nabavi	Generalized KKT optimality conditions in an optimization problem with interval-valued objective function and linear-fractional constraints	75886
15:30-15:50	Hall 5	Algebra	Saeed Azizpour and Yahya Talebi	Characterizations of interior hyperideals of semihypergroups towards fuzzy points	30838
15:30-15:50	Hall 2	Analysis	Zeynab Jouymandi and Fridoun Moradlou	A convergence theorem by extragradient method for variational inequalities in Banach spaces	38726
15:30-15:50	Hall 6	Analysis	Nasser Abbasi and Hamid Mottaghi Golshan	On best approximation in km fuzzy metric spaces	56639
15:30-15:50	Hall 3	Combinatorics	Hamid Reza Golmohammadi, Lutz Volkmann, Seyed Mehdi Hosseini Moghaddam and Arezoo N. Ghameshlou	Roman $k$ -domination number upon vertex and edge removal	15264
15:30-15:50	307	Geometry & Topology	Simin Mehran	A note on an ideal of $C(X)$ with $\lambda$ -compact support	11275
15:30-15:50	4	Numerical Analysis	مرضیه سپهر و حجت احسنی طهرانی	پایداری عملی سیستم‌های گسسته زمانی کسری مثبت با استفاده از پس‌خورد حالت	63119
15:50-16:10	Hall 2	Analysis	Sattar Aalizadeh, Zeynab Jouymandi and Fridoun Moradlou	Convergence theorems for a broad class of nonlinear mappings	99915

15:50-16:10	Hall 5	Algebra	Mohsen Amiri and Reza Ameri	Behavior of prime (ideals) filters of hyperlattices under the fundamental relation	12787
15:50-16:10	Hall 6	Analysis	Maryam Khosravi	On some means inequalities in matrix spaces	77962
15:50-16:10	Hall 3	Combinatorics	Ehsan Estaji and Yasser Alizadeh	On the Wiener index of Sierpiński graphs	33214
15:50-16:10	307	Geometry & Topology	Mehrdad Namdari and Somayeh Soltanpour	An extension of $\mathcal{C}_F(X)$	20955
15:50-16:10	4	Numerical Analysis	نقی کریمیان و دکتر جواد فرضی	یک محدودکننده اساساً غیر نوسانی وزن دار ساده برای حل قوانین بقاء با روش گلرکین ناپیوسته رونگه کوتاه	87073
16:10-16:30	Hall 5	Algebra	Sadegh Khosravi Shoar	Some types of ideals in bounded BCK-algebras	11028
16:10-16:30	Hall 2	Analysis	Zahra Solimani	An iterative method for nonexpansive mappings in Hilbert spaces	79517
16:10-16:30	Hall 6	Analysis	A. Rostami	Fuzzy frame in fuzzy real inner product space	43420
16:10-16:30	Hall 3	Combinatorics	حسین مهدیون، محمدرضا قائمی و مژگان حسن زاده	انعطاف ناپذیری گراف	12144
16:10-16:30	307	Geometry & Topology	Mansour Aghasi and Mehri Nasehi	On the flag curvature of bi-invariant Randers metrics	38159
16:10-16:30	Hall 4	Numerical Analysis	Jafar Eshaghi and Hojatollah Adibi	Numerical solution of the time fractional Fokker-Planck equation using local discontinuous Galerkin method	62968
16:30-17:00	<b>Break</b>				

# AIMC46 Schedule Talks

Day	Time	Place	Task	
Thursday	07:00-8:00	University's Restaurant	Breakfast	
	08:00-09:00	Hall 5	Plenary Speaker (Prof. Samavati)	
	08:00-09:00	Hall 6	Plenary Speaker (Prof. Zafarani)	
	09:00-09:30	Hall 4	Invited Speaker (Dr. Hojjati)	
	08:00-08:30	Hall 3	Invited Speaker (Dr. Mirvakili)	Parallel
	09:00-09:30	320	Invited Speaker (Dr. Zarea Bidoki)	
	09:00-09:30	307	Invited Speaker (Dr. Rafie-Rad)	
	12:30-14:30	University's Restaurant	Lunch	
	14:30-15:30	Hall 4	Plenary Speaker (Prof. Ghasemlou)	
	14:30-15:30	Hall 5	Plenary Speaker (Prof. Abdollahi)	Parallel
	14:30-15:30	Hall 6	Plenary Speaker (Prof. Pourabbas)	
	15:30-16:00	Hall 5	Invited Speaker (Dr. Seyed Fakhari)	
	15:00-17:00	Dr. J. Shahi's Hall	Some lectures for Mathematics teachers	
	18:00-12:00	Dr. J. Shahi's Hall	Teacher training discussion session	
19:30-21:00	University's Restaurant	Dinner		

Day	Time	Place	Topic	Author(s)	Title	Code
Thursday	08:40-09:00	Hall 3	Algebra	Azizollah Azad	Large non-nilpotent subsets of finite general linear groups	19039
	09:00-09:20	Hall 6	Analysis	E. Amini	Some properties of $\lambda$ -spirallike functions with respect to $k$ -symmetric conjugate points	31859
	09:00-09:20	Hall 5	Algebra	مهرداد پیراسته، دکتر سید مسیح آیت	نیم گروه های بئر-لوی و ایدآل های چپ آن	23813
	09:00-09:20	Hall 3	Combinatorics	Masoud Ariannejad	Notes on STP number of a graph	16029
	09:00-09:20	Hall 1	Differential Equations & Control Theory	Mohsen Riahi, Esmail Hesameddini and Mehdi Shahbazi	A reliable algorithm based on the Sumudu transform for solving partial differential equations	84807
	09:20-09:40	Hall 5	Algebra	Ali Akbar Estaji, Toktam Haghdadi	2-absorbing ideal in lattice	24566
	09:20-09:40	Hall 2	Analysis	M. Shakeri and A. Mahmoodi	Mappings under asymptotic pointwise weaker Meir-Keeler-type contractive type conditions	55438
	09:20-09:40	Hall 6	Analysis	Somayeh Saiedinezhad	Sobolev embedding theorem for weighted	42421

					variable exponent Lebesgue space		
	09:20-09:40	Hall 3	Combinatorics	Farokhlagha Moazami	On the biclique Cover of Graphs	88330	
	09:20-09:40	Hall 1	Differential Equations & Control Theory	Soheila Bodaghi and Ali Zakeri	Discrete mollification method and its application to solving backward nonlinear cauchy problem	35157	
	09:40-10:00	Hall 5	Algebra	Karim Ghadimi, Reza Ameri and Rajabali Borzooei	Representations of polygroups based on Krasner hypervector spaces	19313	
	09:40-10:00	Hall 2	Analysis	Mezban Habibi	linfty-tuples of operators and Hereditarily	41330	
	09:40-10:00	Hall 6	Analysis	Zahra Ghorbani	Minimal description for the real interpolation in the case of quasi-Banach quaternion	15673	
	09:40-10:00	Hall 3	Combinatorics	Mohammad Reza Oboudi	On the cospectrality of graphs	68585	
	09:40-10:00	320	Computer Science	Reza Rezaeian Farashahi and Mehran Hosseini	On the number of Doche-Icart-Kohel curves over finite fields	78345	
	09:40-10:00	Hall 1	Differential Equations & Control Theory	A. Zakeri, A. H. Salehi Shayegan and S. Sakaki	Regularized Sinc-Galerkin method for solving a two-dimensional nonlinear inverse parabolic problem	80197	
	09:40-10:00	307	Geometry & Topology	Hamed Soroush, Reza Mirzaie and Hadi Hoseini	Topological classification of some orbit spaces arising from isometric actions on flat Riemannian manifolds	32649	
Thursday	09:40-10:00	Hall 4	Numerical Analysis	S. Momtahan, M. Mohseni Moghadam and H. Saeedi	Block pulse operational matrix for solving fractional partial differential equation	87510	
	10:00-10:30	<b>Break</b>					
	10:30-10:50	Hall 1	Differential Equations & Control Theory	Bahman Babayar-Razlighi and Mehdi Solaimani	Product integration method for numerical solution of a heat conduction problem	84563	
	10:30-10:50	Hall 5	Algebra	A. Karimi Mansoub, A. Moussavi and M. Habibi	On strongly clean triangular matrix rings	41779	
	10:30-10:50	Hall 6	Analysis	Maryam Mohsenipour and Ghadir Sadeghi	Sublinear operators on two-parameter martingale spaces	33529	
	10:30-10:50	Hall 2	Analysis	اکرم پورمعمار دزفولی و سیدعلیرضا کامل میرمصطفایی	شبه پیوستگی قوی توابع دو متغیره	75949	
	10:30-10:50	Hall 3	Combinatorics	Moharram N. Iradmusa	Permutation representation of graphs	82788	
	10:30-10:50	307	Geometry & Topology	Mohammad Mosakhani and Hassan Haghighi	Containment problem for the ideal of fatted almost collinear closed points in $\mathbb{P}^2$	53454	
	10:30-10:50	320	Computer science	Seyed Abolfazl Shahzadeh Fazeli, Azam Sadeghian and Azam Ghodratnema	Projection method combining preconditioners for solving large and sparse linear systems	37828	
	10:30-10:50	Hall 4	Numerical Analysis	Somayah Yeganeh and Reza Mokhtari	Numerical solution of an inverse source problem of the time-fractional diffusion equation using a	45398	

					LDG method	
10:50-11:10	Hall 5	Algebra	Mohsen Ghasemi		A classification of cubic one-regular graphs	64708
10:50-11:10	Hall 2	Analysis	Mohammad Ali Nourollahi Ravari		Higher numerical ranges of basic $\$A$ - $\$$ factor block circulant matrix	99733
10:50-11:10	Hall 6	Analysis	Zahra Ghorbani		Real interpolation of quasi-Banach spaces	98886
10:50-11:10	Hall 3	Combinatorics	Somayah Ghayekhloo and Ahmad anian		Some result about relative non-commuting graph	57735
10:50-11:10	320	Computer Science	Zohreh Rajabi, Kazem Khashyarmansh and Mojgan Afkhami		When the annihilator graphs are ring graph and outerplanar	82279
10:50-11:10	Hall 1	Differential Equations & Control Theory	مهدی فاتحی نیا و غفار داداشی شنبرکی	پایداری زمان-محدود و خاصیت سایه زنی		70947
10:50-11:10	307	Geometry & Topology	Behroz Bidabad, Mohamad Yar Ahmadi		On the fundamental group of Yamabe solitons	89782
10:50-11:10	Hall 4	Numerical Analysis	Behrouz Fathi-Vajargah and Zeinab Hassanzadeh		Semiconvergence of the iterative Monte Carlo method for solving singular linear systems	80119
11:10-11:30	Hall 5	Algebra	Hamid Reza Dorbidi and Zahra Abyar		A note on the graph of equivalence classes of zero divisors of a ring	68660
11:10-11:30	Hall 1	Differential Equations & Control Theory	Monir Mirvakili, Marziyeh Alinezhad and Tofigh Allahviranloo		Existence and uniqueness of the mild solution for fuzzy fractional semilinear initial value problems	14230
11:10-11:30	Hall 2	Analysis	Ghasem A. Afrouzi and Saeid Shokooh		On a one-dimensional Laplacian-like problem via a local minimization principle	91201
11:10-11:30	Hall 6	Analysis	Maryam Zandi and S.Mohammad Moshtaghioun		Weak fixed point property in closed subspaces of some compact operator spaces	22330
11:10-11:30	Hall 3	Combinatorics	مرجان حکیمی نژاد و مجتبی قربانی	فاصله طیف لاپلاسی گرافها		98261
11:10-11:30	320	Computer Science	Davood Bakhshesh, Mohammad Farshi and Mahdiah Hasheminezhad		A generalization of $\alpha$ -dominating set and its complexity	94078
11:10-11:30	307	Geometry & Topology	Mohammad Bagher Kazemi and Fatemeh Raei		On conservative generalized recurrent structures	55465
11:10-11:30	Hall 4	Numerical Analysis	Fateme Arjang and Khosro Sayehvand		B-spline collocation method to solve the nonlinear fractional Burgers' equation	41162
11:30-11:50	Hall 5	Algebra	Seyed Mostafa Shaker, Mohammad A. Iranmanesh and Daniela Bubboloni		Some quotient graphs of the power graphs	98232
11:30-11:50	Hall 6	Analysis	Mostafa Hassanlou and Morteza Sohrabi-Chegeni		A note on composition operators between weighted Hilbert spaces of analytic functions	25163

11:30-11:50	Hall 2	Analysis	تابع لامبرت دابلیو	مصطفی نجفی	45636
11:30-11:50	320	Computer Science	پویه شریفانی و محمدرضا هوشمنداصل	الگوریتم خطی مجموعه‌ی $\{1,2\}$ -حاطه‌گر گراف‌های سری- موازی	38642
11:30-11:50	Hall 1	Differential Equations & Control Theory	Hamed Bazgir and Bahman Ghazanfari	Spectral solutions of time fractional telegraph equations	49504
11:30-11:50	307	Geometry & Topology	Amirhesam Zaeim and Ali Haji-Badali	Ricci Codazzi homogeneous pseudo-Riemannian manifolds of dimension $\sim$ four	25147
11:30-11:50	4	Numerical Analysis	لیلا سعیدی، ابوالفضل تاری و سید موسی ترابی	حل عددی معادلات انتگرال فردهلم نوع دوم با استفاده از روش های چندگامی	68298
11:30-11:50	Hall 3	Combinatorics	Hossein Rashmanlou and R. A. Borzooei	Some Remarks of bipolar fuzzy graphs	13973
11:50-12:10	Hall 1	Differential Equations & Control Theory	Tayebe Waezizadeh	Continuous single-species population model with delay	80049
11:50-12:10	Hall 5	Algebra	عادل تدین فر و علی‌رضا اشرفی	ساختار گراف مقسوم‌علیه صفر حلقه‌های متناهی با گروه جمعی دوری	67020
11:50-12:10	Hall 6	Analysis	Mahsa Fatehi and Zahra Hosseini	Complex symmetric weighted composition operators on the weighted Hardy spaces.	14398
11:50-12:10	Hall 2	Analysis	Hajar Beyzavi and Zohreh Hajizadeh	Universal metric space of dimension $\mathbb{N}$ and its application in clustering	97705
11:50-12:10	Hall 3	Combinatorics	Rezvan Varmazyar	Diameter of $\Gamma(M_1 \oplus M_2)$	42134
11:50-12:10	320	Computer Science	داود ایسوند و علی توکلی	تقریب منحنی‌های دیجیتالی با یک منحنی تک پیکسلی	54819
11:50-12:10	307	Geometry & Topology	S.Z. Pashaei, M. Abdullahi Rashid, B. Mashayekhy and H. Torabi	On generalized covering subgroups of a fundamental group	26274
11:50-12:10	4	Numerical Analysis	فاطمه صابری راد، لیلا محمدی و علی‌محمد لطیف	یافتن جواب های قوی فازی حاصل از حل دستگاه های فازی با استفاده از الگوریتم ژنتیک	73317
12:10-12:30	Hall 2	Analysis	Mostafa Hassanlou and Amir H. Sanatpour	Generalized weighted composition operators between Zygmund spaces and Bloch spaces	10348
12:10-12:30	Hall 6	Analysis	Amir H. Sanatpour	Integral operators and multiplication operators on $F(p,q,s)$ spaces	13503
12:10-12:30	Hall 5	Algebra	Negin Salehi, Feisal Hasani	First hochchild cohomology of square algebra	67975
12:10-12:30	320	Computer Science	Haniyeh Fallah, Farzad Didehvar and Farhad Rahmati	An approximation algorithm for a heterogeneous capacitated vehicle routing problem	95441
12:10-12:30	Hall 3	Computer Science	کژال عیب پوش، مرتضی میرمحمدرضائی و علی محدث	محور میانی در فضای هذلولوی	59647
12:10-12:30	Hall 1	Differential	Tahereh Haghi and Kazem	Positive solutions of nonlinear fractional	62658

		Equations & Control Theory	Ghanbari	differential inclusions	
12:10-12:30	307	Geometry & Topology	Mehdi Tajik, Ali Pakdaman and Behrooz Mashayekhy	Unique Path Lifting from Homotopy Point of View and Fibrations	52782
12:10-12:30	Hall 4	Numerical Analysis	سید مهدی عبدالهی مایوان و دکتر علی طهماسبی	روش هم محلی بی اسپلین مکعبی برای حل معادلات دیفرانسیل معمولی با شرایط مرزی	63876
14:30-14:50	320	Computer Science	محمد فرشی، ابوالفضل پورعیدی و ذریه سلطانی	مرتب‌سازی زوج نقاط بر مبنای فاصله آن‌ها	63286
14:50-15:10	320	Computer Science	محدثه انتظاری زارچ، سیدابوالفضل شاهزاده فاضلی و محمدباقر دولتشاهی	ارائه یک روش ابتکاری هوشمند برای تسریع همگرایی روش \$GMRES(m)\$	71465
15:10-15:30	320	Computer Science	هادی فراهانی و حسین ماهان	گمنامی کوانتومی بر پایه مساله شام رمزنگاران	86342
15:30-15:50	Hall 2	Analysis	Zahra Kamali and Marzieh Monfaredpour	Disjoint hypercyclicity of composition operators on the weighted Dirichlet spaces	89787
15:30-15:50	Hall 6	Analysis	Gholamreza Aghamollaei and Madjid Khakshour	On pseudospectrum of matrix polynomials	19778
15:30-15:50	Hall 3	Combinatorics	M. Ariannejad, M. Emami and O. Naserian	Some new families of 2-regular self-complementary \$k\$-hypergraphs for \$k=4,5\$	57370
15:30-15:50	307	Geometry & Topology	فیروز پاشایی و سید محمد شهیدی	هم ارزی زیرفضاهای مستوی کنترل روی برخی از جبرهای لی مختلط سه بعدی	12460
15:30-15:50	320	Numerical Analysis	Amir Reza Shariaty Nasab and Ghasem Barid Loghmani	A numerical study for the MHD Jeffery-Hamel problem based on orthogonal Bernstein polynomials	25543
15:30-15:50	4	Numerical Analysis	محمدرضا اصلاحچی و گل نوش عزیزی پور	جواب های فرم بسته معادله ماتریسی \$X-A^T X^{-1} B=C Y+R^{-1} B\$	10972
15:50-16:10	Hall 6	Analysis	Zahra Moayerizadeh and Mohammadreza Jabbarzadeh	Block matrix operators and \$p\$-paranormality	52882
15:50-16:10	Hall 2	Analysis	Massoud Salehi Sarvestani	\$C^*\$-algebras of Toeplitz and composition operators	82485
15:50-16:10	Hall 3	Combinatorics	Hamideh Hosseinzadeh and Nasrin Soltankhah	Relations between some packing and covering parameters of graphs	27816
15:50-16:10	307	Geometry & Topology	نیره الیاسی	دریویشنهای جبرهای توابع روی منیفلدها	21838
15:50-16:10	320	Numerical Analysis	Fariba Fattahzadeh	A quick numerical approach for Solving high order integro-differential equations	14156
15:50-16:10	Hall 4	Numerical Analysis	الهه پامرغی و مهدی پناهی	کرانی برای شعاع طیفی حاصل ضرب ماتریس‌های همراه	12743
16:10-16:30	Hall 5	Algebra	Abdollah Alhevaz	Annihilator conditions in noncommutative ring extensions	88108

	16:10-16:30	Hall 2	Analysis	Ebrahim Zamani and Hamid Vaezi	A note on composition operators on Besov type spaces	73116	
	16:10-16:30	Hall 6	Analysis	Asma Ilkhanizadeh Manesh	Eigenvalues of Euclidean distance matrices and rs-majorization on $\mathbb{R}^2$	11964	
	16:10-16:30	Hall 3	Combinatorics	Masoud Karimi and Ravindra B. Bapat	Cospectral regular graphs	64844	
	16:10-16:30	307	Geometry & Topology	اسماعیل عزیزپور	توزیع های گسترنده و اسپری ها	29129	
	16:10-16:30	320	Numerical Analysis	Neda Aeinfar, Moosareza Shamsyeh Zahedi and Hassan Saberi Nik	Bernoulli operational matrix for solving optimal control problems	41164	
	16:10-16:30	Hall 4	Numerical Analysis	Majid Erfanian and Morteza Gachpazan	Apply fixed point theorem for solving of nonlinear Volterra integral equation with Harr wavelet	44875	
	16:30-17:00	<b>Break</b>					
	17:00-17:20	Hall 5	Algebra	Razieh Mahjoob and Shahin Qiami	On weakly prime fuzzy submodules	81465	
	17:00-17:20	Hall 2	Analysis	Sepideh Nasresfahani and Hamid Vaezi	Composition operators on weak vector valued weighted Dirichlet type spaces	72675	
	17:00-17:20	Hall 1	Analysis	Samaneh Javadi and Ali Ghaffari	Phi-means of some Banach subspaces on a Banach algebra	16200	
Thursday	17:00-17:20	Hall 6	Analysis	Gholamreza Aghamollaei and Madjid Khakshour	Pseudonumerical range of matrices	38869	
	17:00-17:20	Hall 3	Combinatorics	Akbar Davoodi, Ramin Javadi and Behnaz Omoomi	Bounds on some variants of clique cover numbers	54227	
	17:00-17:20	307	Geometry & Topology	Akbar Dehghan Nezhad and Saman Shahriyari	Some results on $\Phi$ -reflexive property	56963	
	17:00-17:20	320	Numerical Analysis	R. Ezzati, A. Mashhadi Gholam and H. Nouriani	Numerical solution for $n$ th order linear Fredholm integro-differential equations by using Chebyshev wavelets integration operational matrix	65772	
	17:00-17:20	4	Numerical Analysis	علی ذاکری و زهرا نوروزی	روش جداسازی عملگرها و کاربرد آن در حل یک مسئله سهموی غیر خطی	30445	
	17:20-17:40	Hall 5	Algebra	Simin Saidi Goraghani and Rajab Ali Borzooei	Primary decomposition of ideals in $SMV$ -algebras	74234	
	17:20-17:40	Hall 6	Analysis	Mahdi Dehghani and Mohsen Kian	Multilinear mappings on matrix algebras	45034	
	17:20-17:40	Hall 1	Analysis	Roholla Keshavarzi and Ali Jabbari	Some fixed point results for the sum of two mappings	18514	
	17:20-17:40	Hall 2	Analysis	Samira Rahrovi	Modified Roper-Suffridge extension operator for some subclasses of starlike mappings	83984	

	17:20-17:40	Hall 3	Combinatorics	Nahideh Asadi and Sepideh Norouzian	Twin 2-rainbow dominating sets in graphs	54802
	17:20-17:40	307	Geometry & Topology	Fereshteh Shahini and Ali Pakdaman	Some new subgroupoids of topological fundamental groupoid	13208
	17:20-17:40	320	Numerical Analysis	Rahman Akbari and Mohammad Taghi Jahandideh	Solving the Black-Scholes equation through a higher order compact finite difference method	21706
	17:20-17:40	4	Numerical Analysis	علیرضا قرنلی پور و حجت احسنی طهرانی	جایابی قطب با استفاده از مشتق حالت	38118
	17:40-18:00	Hall 5	Algebra	Gholamhossien Aghabozorgi and Morteza Jafarpour	Some results on complementable semihypergroups	62830
	17:40-18:00	Hall 2	Analysis	Ehsan Anjidani and Samira Karany	On the stability of $Sz\acute{a}$ -Mirakjan operators	87666
	17:40-18:00	Hall 1	Analysis	Noha Eftekhari and Somayeh Rajabpoor	Some equivalent condition to strong uniqueness in normed linear space	66782
	17:40-18:00	Hall 6	Analysis	Mahsa Fatehi and Roya Poladi	Which commutators of composition operators with adjoints of composition operators on weighted Bergman spaces are compact?	71020
Thursday	17:40-18:00	Hall 3	Combinatorics	Karam Ebadi and S. Arumugam	Roman entire domination in graphs	29029
	17:40-18:00	Hall 4	Numerical Analysis	محمدرضا اصلاحچی و زینب غریبی	روش اجزای محدود گالرکین برای حل معادله دیفرانسیل انتشار با چند ترم مشتقات زمان-مکان ریتز کسری در فضای دو بعدی	43319
	17:40-18:00	307	Geometry & Topology	Ali Haji-Badali and Amirhesam Zaeim	Semi-symmetric four dimensional homogeneous pseudo-Riemannian manifolds	28540
	17:40-18:00	320	Operations Research	Sohrab Effati and Azam Ebrahimi	Decomposition algorithm for fuzzy linear programming	83394
	18:00-18:20	Hall 5	Algebra	Hadi Ahmadi and Bijan Taeri	A new result of the intersection graph of subgroups of a finite group	27862
	18:00-18:20	Hall 6	Analysis	S. M. Manjegani and A. Norouzi	Spectrum and eigenvalues of quaternion matrices	65748
	18:00-18:20	Hall 3	Combinatorics	Yasser Alizadeh and Ehsan Estaji	$\mathcal{D}$ -self center graphs and graph operations	58007
	18:00-18:20	307	Geometry & Topology	Mohammad Bagher Kazemi	Recurrent second fundamental form in submanifolds of Kenmotsu manifolds	44706
	18:00-18:20	320	Operations Research	Akhtar Faramarzi, Maryam Zangiabadi and Hossein Mansouri	Solving bi-level integer programming problems with multiple linear objectives at lower level by using particle swarm optimization	78790

# AIMC46 Schedule Talks

Day	Time	Place	Task
<b>Friday</b>	07:00-8:00	University's Restaurant	Breakfast
	08:00-09:00	Class 320	Plenary Speaker (Dr. Alishahi)
	08:00-09:00	Hall 6	Plenary Speaker (Prof. Kocinac)
	08:00-08:30	Hall 5	Invited Speaker (Dr. Yousofzadeh)
	12:30-14:30	University's Restaurant	Lunch
	17:00-18:30	Dr. J. Shahi's Hall	Closing Ceremony

Parallel

Day	Time	Place	Topic	Author(s)	Title	Code
<b>Friday</b>	08:40-09:00	Hall 5	Algebra	Azam Pourmirzaei and Yaser Shakourie Jooshaghan	On the $\$n\$-\$c\$$ -nilpotent groups	46321
	09:00-09:20	Hall 5	Algebra	Maryam Davoudian	Perfect dimension	18108
	09:00-09:20	Hall 2	Analysis	Zeinab Kamali	The BSE property of semigroup algebras	44305
	09:00-09:20	Hall 6	Analysis	A. Golbaharan and Mahyar	The spectra of endomorphisms of analytic Lipschitz algebras	69795
	09:00-09:20	Hall 1	Differential Equations & Control Theory	Roya Makrooni, Laura Gardini and Iryna Sushko	Smooth and nonsmooth bifurcations in an invertible map	82686
	09:00-09:20	319	Financial Mathematics	Elham Dastranj and Faeze Shokri	Risk measure in a financial market	25609
	09:00-09:20	307	Geometry & Topology	Masoud Aminizadeh	Curvature of multisymplectic connections of order $\$3\$$	88734
	09:00-09:20	Hall 4	Numerical Analysis	Elias Hengamian Asl and Seyed Mehdi Karbassi	Solving large sparse linear systems by using QR-decomposition whit iterative refinement	26247
	09:00-09:20	Hall 3	Other Topics	Nasser Aghazadeh, Yaser Gholizade Atani and Parisa Noras	An edge detection scheme with legendre multiwavelets	15483
	09:00-09:20	320	Statistics & Probability	Erfan Salavati	Directionally uniform distributions and their applications	63193
	09:20-09:40	Hall 5	Algebra	Atefeh Ghorbani and Mahdieh Naji Esfahani	Local dimension and direct sum of cyclic modules	18333
	09:20-09:40	Hall 6	Analysis	Mohammad Ali Hasankhani Fard	Function-valued Gram-Schmidt process in $\$L_2(0, \infty)\$$	76398

	09:20-09:40	Hall 2	Analysis	T. Ahmady, T. D. Narang, S. A. M. Mohsennialhosseni, M. Asadi	Generalized cyclic contraction and convex structure	47356	
	09:20-09:40	Hall 1	Differential Equations & Control Theory	Gholamreza Karamali and Morteza Koozehgar Kalleji	Existence of infinitely many solutions for coupled system of Schrödinger-Maxwell's equations	34151	
	09:20-09:40	307	Geometry & Topology	Sahar Masoudian	Complete CGC hypersurfaces in hyperbolic space	76217	
	09:20-09:40	Hall 4	Numerical Analysis	Davod Khojasteh Salkuyeh, Mohsen Masoudi and Davod Hezari	A preconditioner based on the shift-splitting method for generalized saddle point problems	43463	
	09:20-09:40	Hall 3	Other Topics	Azizollah Babakhani and Hamzeh Agahi	Weighted Hermite-Hadamard's inequality without symmetry condition for fractional integral	15941	
	09:20-09:40	320	Statistics & Probability	منیر میرزایی و افشین فلاح	تحلیل بیزی مدل رگرسیون چندکی تعمیم یافته	13481	
	09:20-09:40	319	Finanacial Mathematics	الهام دادار و سید کامران قریشی	تحلیل رشد قیمت سهام به روش بیزی و استفاده از چگالی پیشین لاپلاس-دیریکله	33999	
	09:40-10:00	Hall 5	Algebra	Sedigheh Moradi	Some Properties Of $\mathfrak{N}$ -almost Prime Submodules	96130	
Friday	09:40-10:00	Hall 2	Analysis	Hormoz Rahmatan, Shahram Najafzadeh and Ali Ebadian	Fekete-Szego problem for new subclasses of univalent functions with bounded positive real part	75435	
	09:40-10:00	Hall 6	Analysis	A. Golbaharan and Mahyar	On linear operators from a Banach space to analytic Lipschitz spaces	68849	
	09:40-10:00	Hall 1	Differential Equations & Control Theory	Razie Shafei and Dariush Behmardi Sharifabad	Ratio-dependent functional response predator-prey model with threshold harvesting	34289	
	09:40-10:00	319	Financial Mathematics	Behzad Kafash	Numerical solution of stochastic optimal control problems: experiences from Merton portfolio selection model	67652	
	09:40-10:00	307	Geometry & Topology	Rohollah Bakhshandeh-Chamazkoti	Web geometry of Lorentz dynamical system	69418	
	09:40-10:00	Hall 4	Numerical Analysis	Toutounian Faezeh, Amini Saeide and Ramezani Zohreh	Global CMRH method for solving general coupled matrix equations	43477	
	09:40-10:00	Hall 3	Other Topics	Esmail Kokabifar and Alimohammad Latif	A new approach for image compression using normal matrices	20684	
	09:40-10:00	320	Statistics & Probability	Mohammad Arashi and Mina Norouzirad	Improved ridge M-estimators	31220	
		10:00-10:30	<b>Break</b>				

10:30-10:50	Hall 5	Algebra	Mehdi Kheradmand	A generalization of commutativity notion	75929
10:30-10:50	6	Analysis	محمد رضا میری و محسن نیازی	$\mathbb{B}(H)$ دارای ویژگی ۳- $\mathbb{C}^*$ - خودریختی های دوموضوعی روی	67540
10:30-10:50	Hall 2	Analysis	Elahe Abyar and Mohammad Bagher Ghaemi	Hausdorff measure of noncompactness for some paranormed $\lambda$ -sequence spaces of non-absolute type	80826
10:30-10:50	307	Geometry & Topology	Mehdi Parsinia	On topologies generated by subrings of the algebra of all real-valued functions	64896
10:30-10:50	Hall 1	Differential Equations & Control Theory	Elias Hengamian Asl and Afsane Hengamian Asl	Solving linear fuzzy Fredholm integral equations system by triangular functions	29294
10:30-10:50	Hall 3	Other Topics	سید مهدی کرباسی و معصومه شایقی	تعامد و تخصیص مقادیر ویژه جزئی برای مداد درجه دوم معین متقارن	24809
10:30-10:50	Hall 4	Numerical Analysis	Azim Rivaz and Somayeh Zangoei Zadeh	An algorithm for Jacobi inverse eigenvalue problem	69965
10:30-10:50	320	Statistics & Probability	Akbar Asgharzadeh and Mohammad Sharifi	Preliminary test shrinkage estimator in the exponential distribution under progressively Type-II censoring	67162
10:50-11:10	Hall 5	Algebra	Azadeh Ilaghi Hosseini, Seyed Shahin Mousavi and Seyed Naser Hosseini	Semi Factorization Structures	67688
10:50-11:10	Hall 2	Analysis	Sima Soltani Renani	Homological properties of certain subspaces of $L^\infty(G)$ on group algebras	37779
10:50-11:10	Hall 6	Analysis	Amir Gahsem Ghazanfari and Marziyeh Shafiei	New reverse of continuous triangle inequalities type for Bochner integral in Hilbert $C^*$ -modules	66605
10:50-11:10	Hall 1	Financial Mathematics	Narges Hassani and Morteza Rahmani	The application of game theory in the real option (bond and convertible bond financing)	78787
10:50-11:10	307	Geometry & Topology	Neda Shojaee, Morteza Mirmohammad Rezaii	On the space of Finslerian metrics	67754
10:50-11:10	Hall 4	Numerical Analysis	Maryam Kamranian and Mehdi Dehghan	A new adaptive element free Galerkin algorithm based on the background mesh	45682
10:50-11:10	Hall 3	Other Topics	وحیده عبدالهی و محمدحسین شفیعی میم	بررسی نیمه تحلیلی دینامیک جریان سیال در یک لوله‌ی مدور با مکش و دمش و در حضور میدان مغناطیسی	14464
10:50-11:10	320	Statistics & Probability	Hadi Saboori, Sobhan Shafiei and Afsaneh Sepahdar	Robust mixture regression model fitting by slash distribution with application to musical tones	69836
11:10-11:30	Hall 2	Analysis	Morteza Essmaili and Mehdi Rostami	Amenability of weighted semigroup algebras based on a character	83393
11:10-11:30	Hall 6	Analysis	Bahman Tabatabaie Shourijeh	Some $C^*$ - algebraic results on expansion of	27256

					semigroups	
	11:10-11:30	Hall 1	Financial Mathematics	Mojtaba Maleki, Elham Dastranj and Arazmohammad Arazi	Stochastic terminal times in G-backward stochastic differential equations	93187
	11:10-11:30	307	Geometry & Topology	Masoud Aminizadeh	Some properties of multi-Fedosove supermanifolds of order $\mathbb{S}^3$	88059
	11:10-11:30	Hall 3	Other Topics	فرزانه نجفی پورگنجه، بهزاد صالحیان متی کلائی و مجید فرهادی	فاصله توقف ماتریس کنترل تساوی کدهای آرایه‌ای و کاربردهای آن	31700
	11:10-11:30	Hall 5	Algebra	Esmail Rostami	Extended annihilating-ideal graph of a ring	25258
	11:10-11:30	320	Statistics & Probability	M. Abdi and A. Asgharzadeh	Interval estimation for a general class of exponential distributions under progressive censoring	75260
	11:10-11:30	Hall 4	Numerical Analysis	A. Rafiei and Fatemeh Rezaei Fazel	Complete pivoting strategy to compute the IULBF preconditioner	72631
	11:30-11:50	Hall 5	Algebra	Tayyebeh Amouzegar	Decomposing modules into modules with local endomorphism rings	83807
	11:30-11:50	Hall 6	Algebra	Fatemeh Dehghani-Zadeh and Maryam Jahangiri	On graded generalized local cohomology modules	86980
	11:30-11:50	Hall 1	Differential Equations & Control Theory	Somayeh Saiedinezhad	Nehari manifold approach to p-Laplacian eigenvalue problem with variable exponent terms	66951
	11:30-11:50	Hall 2	Analysis	Mohammad Hossein Daryaei	Abstract convexity of ICR- $\mathbb{S}^k$ functions	35038
	11:30-11:50	319	Financial Mathematics	مرضیه سریزدی زاده و دکترعلی دولتی	مدل‌بندی جواب معادلات دیفرانسیل تصادفی نوع ایتو به روش ماکسیمم درست‌نمایی مطالعه موردی: مدل‌سازی شاخص قیمت ذغال سنگ در بورس تهران	45285
	11:30-11:50	307	Geometry & Topology	میثم طاهری دهکردی و مه‌رمان طاهری دهکردی	معرفی یک رده‌ی خاص از گروه‌های لی و بررسی مترهای شبه‌ریمانی	24758
	11:30-11:50	Hall 4	Numerical Analysis	Zinat Taghipour and Jalil Rashidinia	Sinc-Finite difference collocation method for time-dependent convection diffusion equations	73752
	11:30-11:50	Hall 3	Other Topics	مهدی اشرفی بافقی، علی نخعی امرودی و حسینعلی لازمی	مثلث رولو و کاربرد آن در ساخت دستگاه‌های حفاری جهت ایجاد تونل‌هایی با مقطع مربعی شکل	39679
	11:30-11:50	320	Statistics & Probability	Majid Hashempour and Mahdi Doostparast	Testing Statistical Hypothesis of exponential populations with multiply sequential order statistics	75891
	11:50-12:10	Hall 2	Analysis	Bijan Ahmadi Kakavandi	Non-linear semigroups in Hadamard spaces	94280
	11:50-12:10	Hall 6	Analysis	Razieh Farokhzad and Madjid Eshaghi	Ternary $(\sigma, \tau, \xi)$ -derivations on Banach ternary algebras	59781
	11:50-12:10	Hall 1	Differential Equations &	Mehdi Zeinadini, Sadegh Zibaei and Mehran Namjoo	A numerical method for discrete fractional-order Chen system derived from nonstandard	79379

			Control Theory		numerical scheme	
	11:50-12:10	Hall 4	Numerical Analysis	Morteza Bisheh Niasar	A non-standard finite difference method for HIV infection of CD4+T cells model	16749
	11:50-12:10	Hall 5	Algebra	سودابه مددی و محمد علی نصر آزادانی	0- اجتماع روی ابر - $\mathbb{K}$ جبرها	99825
	11:50-12:10	319	Numerical Analysis	Davod Khojasteh Salkuyeh and Zeinab Hassanzadeh	Two-stage waveform relaxation method for linear system of IVPs with non-constant HPD coefficients	80563
	11:50-12:10	307	Other Topics	زهرا حسنلو	بررسی جمع‌های روی جزء کسری	84480
	11:50-12:10	Hall 3	Other Topics	Naser Hossein Gharavi and Sayyed Ahmad Mousavi	Schmidt rank- $\mathbb{K}$ numerical range and numerical radius	96686
	11:50-12:10	320	Statistics & Probability	Anis Iranmanesh and Sara Shokri	Matrix Variate Hypergeometric Gamma Distribution	82155
	12:10-12:30	Hall 6	Analysis	Samaneh Javadi and Ali Ghaffari	Amenability of vector valued group algebras	46572
	12:10-12:30	Hall 2	Analysis	Manijeh Bahreini Esfahani	Space of operators	63974
	12:10-12:30	Hall 4	Numerical Analysis	Seyyed Hossein Jafari-Petroudi and Behzad Pirouz	A note on particular matrices with Fibonacci numbers	75528
	12:10-12:30	Hall 1	Numerical Analysis	A. Rafiei, Mahdi Mohseni and Fatemeh Rezaei Fazel	Pivoting strategy for an $\mathbb{S}$ ILU $\mathbb{S}$ preconditioner	83203
	12:10-12:30	Hall 3	Other Topics	Fateme Kouchakinejad and Mashaallah Mashinchi	Algebraic structure of bags and fuzzy bags	27354
	12:10-12:30	Hall 5	Algebra	Azam Kaheni and Saeed Kayvanfar	Baer invariants of certain class of groups	36733
	12:10-12:30	320	Statistics & Probability	S. Tahmasebi, A. A. Jafari and B.Gholizadeh	The Exponentiated G Family of Power Series Distributions	89751
	14:30-14:50	319	Analysis	Fariba Fattahi and Mohsen Alimohammady	Existence of three solutions for a problem involving the $p(x)$ -Laplacian	14924
	14:30-14:50	Hall 6	Analysis	Mohammad Rahimi	The existence of efficient solutions for generalized systems and the properties of their solution sets	14553
	14:30-14:50	Hall 1	Mathematical Education	زهرا شرفی و ابراهیم ریحانی	بررسی درک دانش‌آموزان سال سوم متوسطه از مبحث حد در چارچوب نظریه AOPS	67076
	14:30-14:50	Hall 4	Numerical Analysis	Azizallah Alvandi, Mahmoud Paripour and Zahra Roshani	Reproducing kernel method for solving a class of Fredholm integral equations	61655
	14:30-14:50	307	Other Topics	Mehrnoosh Asadi and Heydar Toossian Shandiz	Adaptive backstepping control of nonlinear systems based on singular perturbation theory	65658
	14:30-14:50	Hall 3	Other Topics	Majid Yarahmadi and Ameneh Arjmandzadeh	New optimization algorithm via modified quantum genetic computation	34298
	14:30-14:50	320	Statistics & Probability	شهرام یعقوب زاده شهرستانی	کاربرد چندجمله ایهای استرلینگ در انتگرالها	82099

Friday

Friday	14:50-15:10	Hall 6	Analysis	Fahimeh Arabyani and Ali Akbar Arefijamaal	Constructing dual and approximate dual fusion frames	16492
	14:50-15:50	Hall 4	Numerical Analysis	S.Gh. Hosseini, M. Heydari and S.M. Hosseini	The use of a tau method based on Bernstein polynomials for solving the viscoelastic squeezing flow between two parallel plates	64699
	14:50-15:10	Hall 2	Analysis	Khadijeh Karimi and Kamran Sharifi	Derivations on the algebra of operators in Hilbert modules over locally $C^*$ -algebras	67989
	14:50-15:10	Hall 1	Analysis	مصطفی نجفی	محاسبه‌ی معکوس توابع لگاریتمی به کمک تابع لامبرت	97164
	14:50-15:10	319	Mathematical Education	رضا معطی، سهیلا غلام آزاد و عباس مفاخری	بررسی بدفهمی‌های دانش‌آموزان در زمینه تبدیل کسر به اعشار در اعداد اعشاری	35929
	14:50-15:10	320	Numerical Analysis	Nabi Chegini	Parallelization of the adaptive wavelet galerkin method for elliptic BVPs	15906
	14:50-15:10	Hall 3	Other Topics	Leyli Shirazi and Mohammad Nili Ahmadabadi	On uniqueness of a spacewise-dependent heat source in a time-fractional heat diffusion process	35102
	14:50-15:10	307	Other Topics	Samira Siahmansouri, Somayeh Moghari and Somayeh Jalalipoo	Uniqueness of solutions to fuzzy differential equations driven by Liu's process with weak Lipschitz coefficients	68026
	15:10-15:30	Hall 6	Analysis	Habib Amiri	A note on the transitive groupoid spaces	27614
	15:10-15:30	Hall 2	Analysis	Saman Azizi, Ali Ebadian and Shahram Najafzadeh	Starlikeness of a general integral operator on meromorphic multivalent functions	22547
	15:10-15:30	320	Numerical Analysis	Maryam Dehghan and Saeed Karimi	A new iterative method for solving free boundary problems	10076
	15:10-15:30	Hall 1	Numerical Analysis	Fatemeh Zarmeh and Ali Tavakol	How to recognize a fictitious signature?	16283
	15:10-15:30	Hall 4	Numerical Analysis	Tayebeh Aliabdoli Bidgoli	Solving nonlinear fuzzy differential equations by the Adomian-Tau method	76532
	15:10-15:30	307	Other Topics	Mohammad Gholami and Masoumeh Alinia	Nonbinary cycle codes by packing design	73409
	15:10-15:30	Hall 3	Other Topics	Amir Pishkoo and Minoo Nasiri Hamed	Range of charged particle in matter: the Mellin transform	38376
	15:30-15:50	Hall 6	Analysis	Hamid Mamghaderi and Hashem Parvaneh Masiha	$G$ -ultrametric dynamics and some fixed point theorems	27716
	15:30-15:50	Hall 2	Analysis	Mansoor Moosapoor	Some sufficient conditions for subspace-hypercyclicity	31326
	15:30-15:50	Hall 1	Numerical Analysis	Reza Mohammadi and Fatemeh Borji	Septic B-spline solution of one dimensional Cahn-Hillird equation	16708
	15:30-15:50	307	Other Topics	S. Hamid Mousavi, Majid Mohammadi and Sohrab Effati	L2-SVM problem and a new one-layer recurrent neural network for its primal Training	42729
	15:30-15:50	320	Numerical Analysis	نسرین برقی اسکویی، غلامرضا حاجتی و علی	ساخت روش خطی عمومی مشتق دوم نردسبک نوع ۲ با خاصیت	22539

Friday				عبدی	پایداری رانگ-کوتا	
	15:30-15:50	Hall 3	Other Topics	Amir Khamseh	Open questions concerning Hindman's theorem	42147
	15:50-16:10	320	Analysis	E. Amini	Convolution condition on $\mathbb{N}$ -starlike functions	36945
	15:50-16:10	Hall 2	Analysis	Negar Gholami and Mohammad Javad Mehdipour	Periodic point for the generalized $(\psi, \phi)$ -contractive mapping in right complete generalized quasimetric spaces	31668
	15:50-16:10	Hall 3	Other Topics	Ali Najafi Abrand Abadi, Habib Allah Zanjani and Mehrdad Nozohour Yazdi	Shifted Legendre pseudospectral approach for solving population projection models	61172
	15:50-16:10	Hall 6	Analysis	Hossain Alaeidizaji, Farzaneh Zabihi and Vahid Parvaneh	PPF dependent fixed point results for $\alpha_c$ -admissible integral type mappings in Banach spaces	35504
	15:50-16:10	307	Other Topics	Mohammadreza Esfandiari	A generalization of the Mertens' formula and analogue to the Wallis' product over primes	82562
	15:50-16:10	Hall 1	Other Topics	Naser Hossein Gharavi and Sayyed Ahmad Mousavi	Private quantum channels and higher rank numerical range	25296
	16:10-16:30	Hall 6	Analysis	Sedegheh Shazadeh and Hamid Reza Godarzi	Some results of common fixed point theorems on Menger spaces	41080
	16:10-16:30	307	Other Topics	Saeid Alirezazadeh	Hunter's lemma for forest algebras	94072
16:10-16:30	Hall 1	Other Topics	فرزاد مرادپوری، علی مرادزاده، ری نام کروزی پستانا و مهرداد سلیمانی منفرد	تعیین جهت انتشار میدان موج با استفاده از بردارهای پوئین تینگ	57907	
16:30-17:00	<b>Break</b>					