Wednesday 12 December 2018								
Workshop								
Time	9 – 10:30	Break	10:45 – 12	Pray and Lunch		14 -15:30	Break	15:45 - 17
GAP	A. R. Ashrafi		A. R. Ashrafi			M. Ghorbani		M. Ghorbani
Cryptography	S. Didari		S. Didari			H. Daghigh		H. Daghigh
18	Dinner							

Thursday 13 December 2018						
8 - 9	Registration and Opening Ceremony					
Keynote and Invited Talks						
9 - 10	Predrag S. Stanimirovic (University of Nis, Serbia)					
10- 10:20	Break					
10:20 – 11:20	Ashraf Daneshkhah (Buali Sina University, I R Iran)					
General Speakers						
Group Theory	11:20 – 11:40	Leila Ghanbari	Statistics	11:20-11:40	Mehdi Shams	
	11:40 – 12	Alieh Zolfi		11:40 – 12	Hamid Ghorbani	
Lunch and Poster Presentations						
Keynote and Invited Talks						
14 – 14:40	Bijan Davvaz (Yazd University, I. R. Iran)					
14:40 – 15:20	Ali Reza Moghaddamfar (KNT University, I. R. Iran)					
15:20-16	Majid Arezoomand (University of Larestan)					
16 – 16:30	Break					
General Speakers						
Algebraic Graph Theory	16:30 – 16:50	M. Ghorbani	Cryptography	16:30 – 16:50	Elham Zangiabadi	
	16:50 – 17:10	M. J. Nadjafi-Arani		16:50 – 17:10	Vahid Norouzi	
	17:10 – 17:30	Hassan Taheri		17:10 – 17:30	Fatemeh Seyfi	
	17:30 – 17:50	Ali Ghalavand		17:30 – 17:50	Leila Goodarzi	
17:50 – 18:10 Break						
Algebraic Graph Theory	18:10-18:30	Mahdi Abedi	Cryptography	18:10-18:30	Mina Shamkani	
	18:30 – 18:50	Marjan Hakimi–Nezhad		18:30 – 18:50	Maryam Rezaei	
	18:50 – 19:10	Fatemeh Abbasi–Barfaraz		18:50 – 19:10	Maryam Taheri	
	19:10 – 19:30	Leila Gorji		19:10 – 19:30	Elham Hajrezaee	
	19:30 – 19:50	Fatemeh Tagvaee		19:30 – 19:50	Farzaneh Roshanzamir	
Break and Closing Ceremony						
Conference Dinner						

Friday 14 December 2018
Excursion

Keynote and Invited Talks	9 - 10	P. S. Stanimirovic	Symbolic Computations in Matrix Algebra
	10:20 – 11:20	A. Daneshkhah	Local Actions in Graphs and Designs

Group Theory	11:20 – 11:40	L. Ghanbari	Recent Results on Supercharacter Theories of Finite Group
	11:40 – 12	A. Zolfi	Heisenberg Supercharacter of Finite Groups

Statistics	11:20 – 11:40	M. Shams	تفسیر آزمون نسبت درستنمایی در فرضیه‌های مرکب با استفاده از مفاهیم نظریه اطلاع
	11:40 – 12	H. Ghorbani	Multivariate Mahalanobis Distance

Keynote and Invited Talks	14 – 14:40	B. Davvaz	Number Theory and Hyperstructures
	14:40 – 15:20	A. R. Moghaddamfar	Decompositions of Finite Groups via Associated Graphs
	15:20-16	M. Arezoomand	On the Applications of Representation Theory in Computing of Eigenvalues of Graphs Having Semiregular Subgroup of Automorphisms

Algebraic Graph Theory	16:30 – 16:50	M. Ghorbani	Eigenvalues of Cayley Graphs
	16:50 – 17:10	M. J. Nadjafi-Arani	Finite Fields, Matrix Theory and Network Information Flow to Network Coding
	17:10 – 17:30	H. Taheri	On the Second Eigenvalue of some Graphs
	17:30-17:50	A. Ghalavand	Hosoya Coefficients of Trees

Cryptography	16:30 – 16:50	E. Zangiabadi	Semi Topological Hypergroups
	16:50 – 17:10	V. Norouzi	Multivariate Ore Polynomials for Key Exchange Cryptographic Protocols
	17:10 – 17:30	F. Seyfi	Accelerating MD5 Collision Detection Algorithm using Unavoidable Conditions
	17:30-17:50	L. Goodarzi	یک طرح امضا از نوع OSS بر اساس خم بیضوی

Algebraic Graph Theory	18:10-18:30	M. Abedi	تشخیص پذیری تعدادی گروه متقارن به وسیله یک مولفه همبند از گراف اولش
	18:30 – 18:50	M. Hakimi Nezhad	گراف‌های بوردرانرژتیک لاپلاسی
	18:50 – 19:10	F. Abbasi-Barfaraz	On the Characteristic Polynomial of Power Graphs
	19:10 – 19:30	L. Gorji	On the Algebraic Properties of Bi-Cayley Graphs
	19:30 – 19:50	F. Tagvaee	Relations between Coefficients of Matching Polynomial and Characteristic Polynomial in Some Graphs

Cryptography	18:10-18:30	M. Shamkani	پیاده سازی رمزنگاری خم بیضوی در سیستم رمزنگاری الجمال
	18:30 – 18:50	M. Rezaei	ساختارهای دسترسی تسهیم راز بر مبنای کدهای جبری-هندسی روی خم‌های ابربیضوی
	18:50 – 19:10	M. Taheri	گراف‌های همسانی خم‌های بیضوی و کاربردها

	19:10 – 19:30	E. Hajrezaei	رمزنگاری احراز هویت بر اساس همسانی خم های بیضوی
	19:30 – 19:50	F. Roshanzamir	On Roughness Constrained Trajectory

Poster Presentations:

G. Abdeshahian	On 1-Factorizations of Unitary Cayley Graphs
M. Shams	بهترین براوردگر هموردا برای تابع توزیع تحت تابع زیان کولموگوروف-اسمیرنوف
M. Shams	خواص توپولوژیکی توابع روی کلاس توابع هموردا و کاربرد آن در استنباط آماری
H. Ghorbani	Mahalanobis Distance and Its Application For Detecting Multivariate Outliers
H. Ghorbani	Multicollinearity in Linear Regression Models and Its Diagnostics
E. Zangiabadi	Good and Strong Good Homomorphisms on Hypervector Spaces
E. Zangiabadi	Normal Hypervector Spaces
M. Mirzargar	On the Structure of the Automorphism Group of Commuting Graph
M. Arabzade	Matchings in Some Graphs
A. M. Yazdani Kashani	Injective Encoding To Elliptic Curves
J. Askari	Seidel and Seidel Laplacian Matrix
S. Mahdavi	Notes on Gyrogroup Actions
M. A. Salahshour	Commuting Conjugacy Class Graphs of Finite Groups