

26.10.2018 Friday

<b>SESSION I</b>		
<b>SESSION CHAIR: Mehmet KARA</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
<b>13:30-14:00</b>		
<b>14:00-14:15</b>	Hasan ŞAHİN	On the formation of starlike and univalent functions with the logarithmic value of the derivative of the koebe function
<b>14:15-14:30</b>	Abdulkadir KOÇAK	Docking, molecular dynamics and free energy studies on aspartoacylase mutations involved in canavan disease
<b>14:30-14:45</b>	Müslüm YILDIZ	Molecular dynamics studies of hbga blocking human iga antibody and escape mechanism in noroviruses upon mutation
<b>14:45-15:00</b>	Halil MUTUK	Differential transformation method applications with Mathematica
<b>15:00-15:15</b>		
<b>15:15-15:30</b>	<b>Coffee Break</b>	
<b>SESSION II</b>		
<b>SESSION CHAIR: Ahmet ALTÜRK</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
<b>15:30-15:45</b>	<b>Mouna CHERIET</b>	
<b>15:45-16:00</b>	<b>Jamal KHATIP</b>	Engineering performance of metakaolin (a novel material), in construction application
<b>16:00-16:15</b>		
<b>16:15-16:30</b>		
<b>16:30-16:45</b>		
<b>16:45-17:00</b>		

27.10.2018 Saturday

<b>SESSION III</b>		
<b>SESSION CHAIR: Meryem EVECEN</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
<b>10:00-10:30</b>	V. Ongun ÖZÇELİK <b>(Invited Speaker)</b>	Computational prediction of highly-surface active calcium hydroxide monolayer for CO <sub>2</sub> capture
<b>10:30-11:00</b>	Fatma KANDEMİRLİ <b>(Invited Speaker)</b>	The nature of resonance and hyperconjugation for 5-methoxy isatin and its anionic, cationic, protonated and deprotonated form
<b>11:00-11:15</b>	<b>Coffee Break</b>	
<b>SESSION IV</b>		
<b>SESSION CHAIR: Keziban ORBAY</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
<b>11:15-11:30</b>	Yadigar ŞEKER FIRAT	Modelling the horizontal distribution of oxygen-plankton system
<b>11:30-11:45</b>	Telhat ÖZDOĞAN	Comparative calculation of three center scattering integrals
<b>11:45-12:00</b>	Nasuf SÖNMEZ	Jet energy resolution in a high Pile-up environment at the hadron colliders
<b>12:00</b>	<b>Lunch</b>	
<b>SESSION V</b>		
<b>SESSION CHAIR: Melek GÜLER</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
<b>13:00-13:30</b>	Muhammad Hassan SAYYAD <b>(Invited Speaker)</b>	First-principles computational modeling of next-generation solar cells: Challenges and perspectives
<b>13:30-13:45</b>	Emre GÜLER	A theoretical comparison for the phonon modes of Wurtzite ZnS and CdS
<b>13:45-14:00</b>	Zehra ÖZDEMİR	Darboux Frame variations of semi-Riemannian manifolds
<b>14:00-14:15</b>	Taner KARATEKE	Investigation of sputtering and target depth effect at certain incident angles in certain energy values of W-Si bombarded with deuterium atoms
<b>14:15-14:30</b>	Emine ALDIRMAZ	Magnetic characterization in Cu-10%Al-5%Fe-5%Ni alloy
<b>14:30-14:45</b>	Hatice VURAL	Computational studies on structure and spectroscopic properties Of 2-Bromo-3-(Trifluoromethyl)Pyridine

<b>14:45-15:00</b>	Hasan TANAK	Quantum chemical studies On (Z)-4-bromo-3-fluoro-6-((2-hydroxy-5-methylphenylamino)methylene)cyclohexa-2,4-dienone
<b>15:00-15:15</b>	Hasan TANAK	Experimental and theoretical investigation on 3-(4-cyanophenyl)-5-(3-lyodophenyl)-1-phenylformazan
<b>15:15-15:30</b>	<b>Coffee Break</b>	
<b>SESSION VI</b>		
<b>SESSION CHAIR: Tevfik ŞAHİN</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
<b>15:30-15:45</b>	Meryem EVECEN	Theoretical studies of N-(4-Chlorophenylthio)phthalimide molecule
<b>15:45-16:00</b>	İlhan BOZKURT	Optimized parameters and thermodynamic properties of 4-bromo -5-fluora-2-((3-nitrophenylimino)methyl)phenol Schiff-base molecule: Density Functional Theory Studies
<b>16:00-16:15</b>	Ahmet ALTÜRK	On the use of Bernstein polynomials for solving integral equations
<b>16:15-16:30</b>	Tevfik ŞAHİN	On the applications the Fermi-Walker derivative
<b>16:30-16:45</b>	İlknur Kars DURUKAN	Structural, optic and vibrational peoperties of CeTl using first principles study
<b>16:45-17:00</b>		

28.10.2018 Sunday

<b>SESSION VII</b>		
<b>SESSION CHAIR: Emre GÜLER</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
<b>10:00-10:15</b>	Emine ALDIRMAZ	The change with addition of element zn on structural properties of martensite phase in Fe-based alloy
<b>10:15-10:30</b>	Emine ALDIRMAZ	XRD and VSM characterization of thermally induced martensite in Cu-10%Al-5%Fe-5%Ni alloy
<b>10:30-10:45</b>	Hasan TANAK	DFT studies and spectroscopic investigations of 5-bromo-N-[2-(methylthio)phenyl]salicylaldimine
<b>10:45-11:00</b>	Meryem EVECEN	On the molecular structure, vibrational spectra and electronic investigations of 4,4'-dinitrodiphenyl disulfide by Quantum Chemistry Calculations
<b>11:00-11:15</b>	<b>Coffee Break</b>	
<b>SESSION VIII</b>		
<b>SESSION CHAIR: Hasan TANAK</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
<b>11:15-11:30</b>	Meryem EVECEN	Spectral and electronic analysis of 3,5-dichloro-N-[2-(methylthio)phenyl]salicylaldimine using theoretical method
<b>11:30-11:45</b>	Ahmet ALTÜRK	On the solutions of Fredholm integral equations with general kernels
<b>11:45-12:00</b>	Tevfik ŞAHİN	On the poaition vector of Dorboux frames of curves
<b>12:00</b>	<b>Lunch</b>	

<b>POSTERS</b>		
<b>NO</b>	<b>PRESENTER</b>	<b>TITLE</b>
<b>P1</b>	Vahide Selen ÜNVER	Quantum chemical studies on lead-free new generation primary explosive candidates
<b>P2</b>	Ömer TAYFUROĞLU	Text and data mining for hydrogen storage in metal organic framework
<b>P3</b>	Ayla Balaban GÜNDÜZALP	Theoretical studies for some arylsulfonylhydrazones