






Al- Mansour Melia Hotel				
Day 1	Wednesday	morning Session	Date	Dec. 13 , 2017
Session	Main		venue	Cordoba Hall
9:00 – 10:00		Ceremony of the Conference Opening Session		



Al- Mansour Melia Hotel				
Day 1	Wednesday	Keynote Speakers	Date	Dec. 13 , 2017
Session Duration	10:00-11:00		venue	Cordoba Hall

Title	Speaker	
The contribution of scientific research toward development and solving the troubles of the country by concentrating on applied aspects of research	Dr. Walid A. GH. Al- Hilli (Chemistry) Iraq Advisor to the Prime Minister	
Nanotechnology - the New Horizon	Prof. Dr. Ali H. Reshak (Physics , Engineering) Iraq West Bohemia Univ./Czech Rep. Univ. of Malaysia Perlis/ Malaysia.	
Biosensors in Food Applications	Prof. Dr. S. kanchi (Environmental Chemistry) India Durban Univ. of Technology/S. Africa	


Al- Mansour Melia Hotel				
Day 1	Wednesday	Keynote Speakers	Date	Dec. 13 , 2017
Session Duration	11:30-12:00		venue	Cordoba Hall

Title	Speaker		
Difference Between Normal & Cancer Cell	Prof. Dr. Nabil M. Abdelhanid (Biochemistry) Egypt Dean of Pharmacy College/Kafre Isheikh Univ./Egypt		
Antioxidant Activity of Methanolic Plant Extract & their effect on Fish spoilage prevention	Prof. Dr. Saeed S. Al-Alawi (Analytical Chemistry) Kingdom of Bahrain Advisor in environmental Chemistry		

Al- Mansour Melia Hotel				
Day 1	Wednesday	Keynote Speakers	Date	Dec. 13 , 2017
Session Duration	11:30-12:00		venue	Al-Hamraa Hall

Title	Speaker		
The full potential-linearized augmented plane wave method within Density functional theory	Prof. Dr. Fuad Elhaj Hassan (Physics) France Lebanese Univ., Fac. of Sciences I, Dept. of Physics		
Recent application of nanotechnology in oil and petroleum industry: two examples	Assist. Prof. Dr. Mohammad M. Ahadian (Surface Science) I.R. Iran Inst. of Nanosci. & Nanotech/ Sharif University of Technology		

Al- Mansour Melia Hotel				
Day 2	Thursday	Keynote Speakers	Date	Dec. 14 , 2017
Session Duration	9:00-10:00		venue	Dept. of Physics Seminar Hall 2

Title	Speaker	
Designing of Multifunctional Thiosemicarbazones Derived from Heterocyclic Compounds and Their Metal Coordination Compounds in Biological and Medicinal Inorganic Chemistry	Prof. Dr. Ram K. Agarwal (Macromolecular Chemistry) India Editor in Chief of Asian Journal of Chemistry	

Al- Mansour Melia Hotel				
Day 1	Wednesday	Afternoon Session	Date	Dec. 13 , 2017
Session	1bio1a		venue	Cordoba 2 Hall

Session Theme	Biology
Session Duration	(1:00 –2:30) pm.
Session Chair	Prof. Dr. Abdulhusaain M. Al-Faisal
Rapporteur	Assist. Prof. Dr. Ihsan I. Hussain

Time	Code	Title	Author
1:00-1:12	5	Comparative Analysis Of Various Techniques For Giardia LambliA Detection And Association With E Coil And Shigella Among Children Attending Al-Imamin Al- Kadhimin Medical City	Rawaa A. Hussein, Areej A. Hussein
1:12-1:24	170	The Role Of Staphylococcus Haemolyticus In Men Infertility	Ghaeda J. Al-Ghizawi, Zahraa K. Jomaa
1:24-1:36	252	Antifungal Activity Of Solanum Niger Extract Against Microsporium Canis, The Causative Agent Of Ring Worm Disease	Yasser M. Al-Qertani
1:36-1:48	260	The Congenital Malformations In White Pregnant Mice Fetus Induced By Metformin Drug	Faeza N. Toama, Aziz Kh. Hamid, Asmat J. Jameel
1:48-2:00	317	Checklists Of Parasites Of Stray Cats Felis Catus L. Of Iraq	Abdulrahman A. Altae, Abdulrazzak L. Alrubaie
2:00-2:12	25	Study The Seroprevalence Of Viral Hepatitis And Hiv Among Hemodialysis Patients	Batool M. Mahdi Inass M. Kamal

College Of Education For Pure Science (Ibn Al-Haitham)				
Day 2	Thursday	Morning Session	Date	Dec. 14 , 2017
Session	2bio1m		venue	Biology Dept. Seminar Hall

Session Theme	Biology
Session Duration	(10:00 – 11:30) am.
Session Chair	Prof. Dr. Hussain A. Dawod
Rapporteur	Assist. Prof. Dr. Hanadi S.Abdulsahib

Time	Code	Title	Autho
10:00-10:12	226	Lag Phase And Biomass Determination Of Rhodococcus Pyridinivorans Gm3 For Phenol Degradation	Mahammed E. Aldefiery, Gopal Reddy
10:12-10:24	110	Teratogenic Effect Of Levetiracetam Drug On The Development Of The Kidney In Rat Embryo	Lamyaa H. Alibrahimi, Nahla A. Al-Bakri
10:24-10:36	47	Effect Of Tamoxifen Citrate Supplement To Smart Medium On Human Sperm Morphology During In Vitro Sperm Activation	Noor K. Kadhim, Mohammed B. Fakhridin, Jabir Hameed
10:36-10:48	73	Seasonal Abundance Of Eggplant Leaf Miner Liriomyza Sativae (Diptera: Agromyzidae) In Plasticous	Soolaf A.Kathiar, Sawsan K. Flaih, Hind I. Al Khazraji, Safa K. Ismael
10:48-11:00	51	Assessment Of The Soluble Form Of Fas Ligand In Patients With Asthenozoospermia And Teratozoospermia.	Ahmed H. Zwamel, Anam R. Al-Salihi, Sabah N. Alwachi
11:00-11:12	154	Comparison Between Procalcitonin And Traditional Blood Biomarkers In Diagnosis Of Sepsis In Iraqi Wounded Soldiers	Meroj A. Jasem, Ali E. Mahmood, Ayser I.Mahmood, Mahmood M. Mustafa, Khalid M. Farhood

College Of Education For Pure Science (Ibn Al-Haitham)				
Day 2	Wednesday	Afternoon Session	Date	Dec. 14 , 2017
Session	2bio1a		venue	Biology Dept. Seminar Hall

Session Theme	Biology
Session Duration	12:00 – 1:30 pm.
Session Chair	Prof. Dr. kadhim M. Al-Somaida'ee
Rapporteur	Lect. Dr. Areej A. Farmann

Time	Code	Title	Author
12:00-12:12	1	Effects Sprayed Solution Of Salicylic Acid To Prevent Of Wilt Diseases	Dina Y. Mohammed
12:12-12:24	188	Influence Of Foliar Application Of Abscisic Acid (Aba) And Vitamin C Of Some Plant Hormones Of Pea Pisum Sativum L.	Wifak A. Al-Kaisy, Sahar F. Mahadi
12:24-12:36	216	Determination Of Progesterone, Prolactin, Estradiol, Zinc And Vitamin C In Female Iraqi Patients With Breast Cancer	Hazima M. Al-Abassi, Asmaa M. Almohaidi, Amenah A. Almsawi
12:36-12:48	27	Extraction And Preparation Of Pigments From Strelitzia Reginae Flowers As Sensitizer For Dye-Sensitized Solar Cell Application	Mahmoud A. Alalwani
12:48-1:00	109	The Study Of Bacterocin Of Pseudomonas Fluorescens And Citrus Limon Effects On Propionibacterium Acnes And Staphylococcus Epidermidis In Acne Patients	Mais E. Ahmed
1:00-1:12	224	Antimicrobial Activity Of Some Plants Extracts On Bacteria Isolated From Acne Vulgaris Patients	Khetam H. Rasool

Al- Mansour Melia Hotel				
Day 1	Wednesday	Afternoon Session	Date	Dec. 13 , 2017
Session	1chem1a		venue	Meeting Hall

Session Theme	Chemistry
Session Duration	(1:00 – 2:30) pm.
Session Chair	Prof. Dr. Sarmad B. Dekran
Rapporteur	Assist. Prof. Dr. Dhafir T. Ajeel

Time	Code	Title	Autho
1:00-1:12	15	Three locally clays as a surfaces for adsorption of cephalixin monohydrate from aqueous solution: thermodynamic and desorption equilibrium	Saja S. Al-Taweel, Sadoon A. Isa, Ramzi R. Al-Ani
1:12-1:24	184	Preparation and characterization of novel 4,5-dihydro-1H-tetrazol derivatives via azomethine compounds Reaction with sodium azide and evaluation the Biological Activity of them	Obaid H. Abid, Hiba M. Tawfeeq
1:24-1:36	293	Synthesis and antifungal activity against of Candida species for Some Heterocyclic Compounds new containing Schiff base or oxazepine or Indolinor imidazo groups and their spectral characterization	Shaima I. Chyad, Bari L. Mohammed, Siham Sh. AL-Salihi
1:36-1:48	229	Synthesis, spectroscopic characterization, and antibacterial evaluation of new Schiff bases bearing benzimidazole moiety	Muayed A. Redayan, Maha S. Hussein, Ashraf T. Lafta
1:48-2:00	343	Enhance the antioxidant activity For 2,4-di- <i>tert</i> -butylephenol by formation hydrocyclic ring at position six	Raied M. Shakir, Azhar Ariffin, Mahmood A. Abdulla
2:00-2:12	13	Partial purification of Leucine aminopeptidase (LAP) in Acromegalic Sample of Iraqi Patients	Taghreed U. Mohammad

College Of Education For Pure Science (Ibn Al-Haitham)				
Day 2	Thursday	Morning Session	Date	Dec. 14 , 2017
Session	2chem1m		venue	Prof. Dr. Fahad Ali Hall

Session Theme	Chemistry
Session Duration	(10:00 – 11:30) am.
Session Chair	Prof. Dr. Taqieddeen Abdulhadi
Rapporteur	Assist. Prof. Dr. Juman A. Nasir

Time	Code	Title	Autho
10:00-10:12	291	The FSHR polymorphisms association with polycystic ovary syndrome in women of Erbil, Kurdistan in north of Iraq	Aesha Sh. Sh. Baban, Sabah H. Korsheed, Anas Y. Al Hayawi
10:12-10:24	250	Preparation Characterization and Electrical Study of New Polymeric Mixture (Consist of Three Polymers) Nanocomposites	Entisar E. AL-Abodi, A. Farouk
10:24-10:36	297	Indirect way for the assay of captopril drug in dosage forms using 1,10-phenanthroline as a selective spectrophotometric agent for Fe(II) via homemade CFIA /Merging zones technique	Bushra B. Qassim, Ahmed A. Alwan
10:36-10:48	135	Heavy metals characteristics of settled particles of streets dust from Diwaniyah City- Qadisiyah Governorate - Southern Iraq	Moutaz A. Al-dabbas, Khalid H. Mahdi, Raad M. Alkhafaji, Kawther H. Ohays
10:48-11:00	160	Fire retardancy assessment of polypropylene composite filed with nano clay prepared from Iraqi bentonite	Watheq K. Salih

College Of Education For Pure Science (Ibn Al-Haitham)				
Day 2	Thursday	Morning Session	Date	Dec. 14 , 2017
Session	2chem2m		venue	Chemistry Dept. Postgraduate Hall

Session Theme	Chemistry
Session Duration	(10:00 – 11:30) am.
Session Chair	Prof. Dr. Jumbid H. Toma
Rapporteur	Assist. Prof. Dr. Taghreed U. Mohammed

Time	Code	Title	Author
10:00-10:12	129	Synthesis, Characterization and thermal study of Some Transition metal Complexes derived from Quinoxaline-2,3-dione.	Taghreed M. Musa, Mahmoud N. Al-jibouri, Bayader F. Abass
10:12-10:24	123	Theoretical Treatment, Microwave Synthesis, Spectroscopic analysis of new Schiff bases derived from 4-Aminoantipyrene	Ameena N. Seewan, Zainab Y. Kadhim , Ahmed A Hadi
10:24-10:36	187	Cytotoxic effects of new synthesis heterocyclic derivatives of Amoxicillin on some cancer cell lines	Muna S. AL-rawi, Dhuha F. Hussein, Anwar F. Al-Taie, Mohammed M. Al-Halbosiy, Baraa Abdul-Hameed
10:36-10:48	333	Theoretical Investigation for the Effect of Fuel Quality on Gas Turbine Power Plants	Omar A. khudair, Khetam A. Abass, Noor S. Abed, Khalid H. Ali, Saad Abdulaziz, Ali Chlaib
10:48-11:00	332	Synthesis and spectral studies of heterocyclic azo dye complexes with some transition metals	Amer J. Jarad, Ismaeel Y. Majeed , Abaas O. Hussein
11:00-11:12	304	Spectrophotometric and Potentiometric Analysis of Calcichrome and its complex with Calcium ion .	Ismail K. Al-Hitti, Omur H. AlOubaydi, Saja S. AlSamarra'ay

Al- Mansour Melia Hotel				
Day 1	Thursday	Afternoon	Date	Dec. 14 , 2017
Session	2chem1a	Session	venue	Prof. Dr. Fahad Ali Hall

Session Theme	Chemistry
Session Duration	12:00 – 1:30 pm.
Session Chair	Prof. Dr. Ahmed Th. Numan
Rapporteur	Assist. Prof. Dr. Bushra H. Ali

Time	Code	Title	Autho
12:00-12:12	296	Synthesis, Characterization and Antimicrobial activity of Mn(II), Co(II), Ni(II), Cu(II), Zn(II) and Cd(II) mixed ligand complexes Schiff base derived from Trimethoprim drug with 8-Hydroxy quinolone	Ahmed Th. Numan, Eman M. Atiyah
12:12-12:24	303	Synthesis, Characterization and the Corrosion Inhibition Study of Two Schiff Base Ligands Derived From Urea and Thiourea and Their Complexes with Cu(II) and Hg(II) Ions	Wasan M. Alwan
12:24-12:36	161	Synthesis, Spectral And Bacterial Studies Mixed Ligand Complexes of Schiff Base Derived from Methyldopa And Anthranilic Acid With Some Metal Ions	Lekaa K. Abdul Karim, Taghreed H. Al-Noor
12:36-12:48	196	Synthesis, Characterization and Antibacterial Activity of 1,4-di[aminomethylene carboxyl] phenylene (H ₂ L) Complexes Co(II), Cu (II), Zn(II) and Cd (II)	Jassim S . Sultan, Salah M. Fezea, Falih H. Mousa
12:48-1:00	227	Modified unzipping technique	Basma H. Al-Tamimi, Saad B. Farid, Fadhil A. Ghyad

Al- Mansour Melia Hotel				
Day 1	Wednesday	Afternoon	Date	Dec. 13 , 2017
Session	1comp1a	Session	venue	Cordoba 1 Hall

Session Theme	Computer Science
Session Duration	(1:00 –2:30) pm.
Session Chair	Assist. Prof. Dr. Alyaa K. Abdulhussain
Rapporteur	Assist. Prof. Dr. Abdullateef A. Hussain

Time	Code	Title	Autho
1:00-1:12	263	Achieving Real-Time Tracking Mobile Wireless Sensors Using SE-KFA	Haider K. Hoomod, Sadeem M. Al-Chalabi
1:12-1:24	288	A New Heuristic Anonymization Technique for Privacy Preserved Datasets Publication on Cloud Computing	Yousra A. S.Aldeen
1:24-1:36	259	Hide for dynamic encryption text based on Corner point	Firas A. Abdullatif, Alaa A. Abdullatif, Amna al-saffar
1:36-1:48	269	Network Performance Analysis Based on Network Simulator NS-2	Maan Y. Anad, Naors Y. Anad, Nawfal A. Zakar
1:48-2:00	279	Evaluation Methodology between Globalization and Localization Features Approaches for Skin Cancer Lesions Classification	Hussein M. Ahmed, Razi J. Al-azawi, Abbas A. Abdulhameed
2:00-2:12	265	Analyzing Study of Path loss Propagation Models in Wireless Communications at 0.8 GHz	Haider K. Hoomod, Intisar Al-Mejibli, Abbas I. Jabboory

College Of Education For Pure Science (Ibn Al-Haitham)				
Day 2	Thursday	Morning Session	Date	Dec. 14 , 2017
Session	2comp1m		venue	Computer Dept. Seminar Hall

Session Theme	Computer Science
Session Duration	(10:00 – 11:30) am.
Session Chair	Assist. Prof. Dr. JeenJ. Estifon
Rapporteur	Assist. Prof. Dr. Alaa A. Abdullatif

Time	Code	Title	Author
10:00-10:12	264	Applying Self-Organizing Map and Modified Radial Based Neural Network for Clustering and Routing Optimal Path in Wireless Network	Haider K. Hoomod, Tuka K. Jebur
10:12-10:24	212	Hiding Text in Gray Image Using Mapping Technique	Ahmed A. Abbass, Hussein L. Hussein, Sinan A. Naji, Salam Al-augby, Jasim H. Lafta
10:24-10:36	80	secure server login by using third party and chaotic system	Firas A. Abdulatif , Maan zuhiar
10:36-10:48	312	Information Hiding In Digital Video Using DCT, DWT and CvT	Wisam A. Shukur, Wathiq N. Abdullah, Luheb K. Qurban
10:48-11:00	275	Performance of Case-Based Reasoning Retrieval Using Classification Based on Associations versus Jcolibri and Free CBR: A Further Validation Study	Ahmed S. Aljuboori, Frans Coenen, Mohammed Nsaif, David J. Parsons
11:00-11:12	244	Fuzzy-Estimation Control for Improvement Microwave Connection for Iraq Electrical Grid	Haider K. Hoomod, Mohammed Radi
11:12-11:24	299	Using Digital Watermarking To Secure Digital Documents	Awad K. Hammoud, Hatem N. Mohaisen, Qusay S. Shaker

College Of Education For Pure Science (Ibn Al-Haitham)				
Day 2	Thursday	Afternoon Session	Date	Dec. 14 , 2017
Session	2compla		venue	Computer Dept. Seminar Hall

Session Theme	Computer Science
Session Duration	12:00 – 1:30 pm.
Session Chair	Prof. Dr. Ziyad T. Mustafa
Rapporteur	Assist. Prof. Dr. Ahmed N. Rasheed

Time	Code	Title	Autho
12:00-12:12	245	Transmuted of Rayleigh Distribution with Estimation and Application on Noise Signal	Suhad Ahmed, Zainab Qasim
12:12-12:24	243	Fuzzy-Cellular Neural Network for Face Recognition HCI Authentication	Haider K. Hoomod, Ahmed A. Ali
12:24-12:36	104	Intelligent cloud computing security using genetic algorithm as a computational tools	Mazin H. Razuky
12:36-12:48	56	Comparison of Features Extraction Algorithms Used in the Diagnosis of Plant Diseases	Mohammed A. Hussein, Amel H. Abbas
12:48-1:00	330	Medical Image Security Using Modified Chaos-based Cryptography Approach	Methaq T. Gaata, Shahad Th. Abdullatief
1:00-1:12	157	New Secure E-mail System Based on Bio-Chaos Key Generation and Modified AES Algorithm	Haider K. Hoomod, Arkan M. Radi
1:12-1:24	274	Implementation of 4-way Superscalar Hash MIPS Processor Using FPGA	Safaa S. Omran, Laith F. Jumma

Al- Mansour Melia Hotel				
Day 1	Wednesday	Afternoon Session	Date	Dec. 13 , 2017
Session	1math1a		Venue	Al-Khayam Hall

Session Theme	Mathematics
Session Duration	(1:00 – 2:30) pm.
Session Chair	Assist. Prof. Dr. Ali H. Nasir Alfayadh
Rapporteur	Assist. Prof. Dr. Majeed A. Wali

Time	Code	Title	Author
1:00-1:12	7	On Direct Theorems For Best Polynomial Approximation	Alaa A. Auad, Rifaat S. AbdulJabbar
1:12-1:24	306	Generalized Differential Operator On Bistarlike And Biconvex Functions Associated By Quasi- Subordination	Abdul Rahman S. Juma, Mohammed H. Salooni
1:24-1:36	116	Using Approximation Non-Bayesian Computation WITH Fuzzy Data TO Estimation Inverse Weibull Parameters AND Reliability Function	Nadia H. Al-Noor, Shurooq A.K. Al-Sultany
1:36-1:48	72	Finite Element Method with Piecewise Linear Function FOR Solving Nanoscale Inas/ Gaas Quantum Ring Structures	Eman A. Hussain, Jamil A. Al-Hawasy, Lamyaa H. Ali
1:48-2:00	67	Classical Artinian Module And Related Topics	Majid M. Abed, Ghazi F. AL-Sharqi
2:00-2:12	253	Local Search Heuristic for Multi-CRITERIA Single Machine SCHEDULING Problem	Tariq S. Abdulrazaq, Abeer O. Akram

College Of Education For Pure Science (Ibn Al-Haitham)				
Day 2	Thursday	Morning Session	Date	Dec. 14 , 2017
Session	2math1m		Venue	Prof. Oraibi AlZoba'ee Hall

Session Theme	Mathematics
Session Duration	(10:00 – 11:30) am.
Session Chair	Prof. Dr. Abdurahman H. Majeed
Rapporteur	Assist. Prof. Dr. Buthaina N. Shihab

Time	Code	Title	Author
10:00-10:12	307	Coclosed Rickart Modules	Ghaleb A. Hmood
10:12-10:24	74	Strongly C_{11} -condition modules and strongly T_{11} -type modules	Inaam M. Ali Hadi, Farhan D. Shyaa
10:24-10:36	320	Application of Weyl Module in the Case of Two Rows	Haitham R. Hassan, Neeran S. Jasim
10:36-10:48	90	Weakly coretractable modules	Shukur N. Alaeashi, Inaam M. A. Hadi
10:48-11:00	66	Action of Groups on The Projective Plane Over The Field $GF(41)$	Emad B. AlZangana Saja A. Joudah
11:00-11:12	34	Essentially semismall Quasi-Dedekind module relative to a module	Mukdad Q. Hussain

College Of Education For Pure Science (Ibn Al-Haitham)				
Day 1	Tuesday	Morning Session	Date	Dec. 14 , 2017
Session	2math2m		Venue	Central Laboratory Hall

Session Theme	Mathematics
Session Duration	(10:00 – 11:30) am.
Session Chair	Prof. Dr. Ra'ed K. Naji
Rapporteur	Prof. Abbas N. Salman

Time	Code	Title	Author
10:00-10:12	82	Connecting On The Lattice Basis Reductions For Computing The Generators In The ISD Method	Ruma K. Ajeena, Sanaa K. Kamal
10:12-10:24	60	Steady State Radial Flow In Anisotropic And Homogenous In Confined Aquifers	Alaa K. Jabber, Luma N. M. Tawfiq
10:24-10:36	323	Solved Nth-Order Of Ordinary Differential Equations Using Lie Group	Eman A. Hussain, Zainab M. Alwan
10:36-10:48	94	Dynamic Of An SIR Model With Nonlinear Incidence Rate And Regress Of Treatment	Saba N. Majeed
10:48-11:00	319	Normalization Bernstein Basis For Solving Fractional Fredholm-Integro Differential Equation	AbdulKhaleq O. AlJubory, Shaymaa H. Salih
11:00-11:12	169	The Comparison Between The Bayes Estimator And The Maximum Likelihood Estimator Of The Reliability Function For Negative Exponential Distribution	Hazim M. Gorgees, Bushra A. Ali, Raghad I. Kathum

College Of Education For Pure Science (Ibn Al-Haitham)				
Day 1	Thursday	Afternoon Session	Date	Dec. 14 , 2017
Session	2math1a		Venue	Prof. Oraibi AlZoba'ee Hall

Session Theme	Mathematics
Session Duration	12:00 – 1:30 pm.
Session Chair	Prof. Dr. Saad N. Ali
Rapporteur	Assist. Prof. Dr. Salwa S. Abd

Time	Code	Title	Author
12:00-12:12	177	Fuzzy Fixed Point Theorem For Some Types Of Fuzzy Jungck Contractive Mappings In Hilbert Space	Buthainah A. Ahmed , Manar F. Dheyab
12:12-12:24	239	On Some Results Of Topological Groupoid	Taghreed H. Majeed
12:24-12:36	325	Common Fixed Points In Modular Spaces	Salwa S. Abed, Karrar E. Abdulsada
12:36-12:48	65	When M-Lindelof Sets Are Mx-Semi Closed	Haider J. Ali, Marwa M. Dahham
12:48-1:00	101	Analysis On The Cosets Of L-Convex Sets Subgroup	Nada M. Abbas, Ruma K. Ajeena
1:00-1:12	46	Quasi - Inner Product Spaces Of Quasi-Sobolev Spaces And Their Completeness	Jawad K. Kalaf

Al- Mansour Melia Hotel				
Day 1	Wednesday	Afternoon Session	Date	Dec. 13 , 2017
Session	1phys1a		venue	Al-Hamraa Hall

Session Theme	Physics
Session Duration	(1:00 –2:30) pm.
Session Chair	Prof. Dr. Sameer A. Mekei
Rapporteur	Assist. Prof. Dr. Bushra K. Hassun

Time	Code	Title	Autho
1:00-1:12	98	Fabrication And Study The Effect Of The Laser On The Properties Of The Compound $Tl_2-Xhg_xba_2-Ysryca_2cu_3o_{10+\Delta}$ Superconductor	Abdulkareem D. Ali, Nihad A. Shafeek
1:12-1:24	162	Theoretical Estimation Photons Flow Rate Production In Quark_Gluon Interacting At High Energies	Hadi J. Al-Agealy, Hayder H. Hussain, Saba M. Hussein
1:24-1:36	166	A New Relation Between Spiral Arm Pitch Angles (P) And The Momentum Parameter Of The Host Spiral Galaxies	Ismaeel A. AlBaidhany, Hayfa Gh. Rashid, Nadir F.Habubi, Sami S. Chiad , Nidhal N. Jando, Wasmaa Jabbar,
1:36-1:48	102	Wind Turbine Bearing Diagnostics Based On Vibration Monitoring	Ali K. Resen, Faleh H. Mahmood, Hussein T. Kadhim
1:48-2:00	301	The Enhancement Of UV Sensor Response By Zinc Oxide Nanorods / Reduced Graphene Oxide	Ali A. A. Mohammed, Suriani A. Bakar, Akram R. Jabur
2:00-2:12	324	Corrosion Protection Of Ductile Cast Iron Under Effect Of Harsh Environments	Mustafa A. Rajab, Hussein S. Hassan, Jasem Kh. Hamad

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Day 2	Thursday	Morning Session	Date	Dec. 14 , 2017
Session	2phys1m		venue	Prof. Salim Abdulhameed Hall

Session Theme	Physics
Session Duration	(10:00 – 11:30) am.
Session Chair	Prof. Dr. Kareem A. Jasim
Rapporteur	Assist. Prof. Dr. Abdulhameed R. Mahdi

Time	Code	Ti	Autho
10:00-10:12	2	Improved Photoresponse of Porous Silicon Photodetectors By Embedding Titanium Oxide Nanoparticles	Hiba M. Ali, Sameer A. Mekei, Ahmed N. Abd
10:12-10:24	21	Fabrication And Characterization Study Of Vacuum Evaporated Znte/N-Si Heterojunction Solar Cell	Bushra K. Hassun, Bushra H. Hussein, Auday H. Shaban
10:24-10:36	22	Fabrication And Characterization Of AIAS/P-Si Heterojunction Solar Cell	Hanan K. Hassun, Auday H. Shaban, Ebtisam M. Salman
10:36-10:48	23	Effect Of Aluminum On Characterization Of Znte/N-Si Heterojunction Photodetector	Samir A. Maki, Hanan K. Hassun
10:48-11:00	331	Utilizing Laser-Induced Breakdown Spectroscopy Method to recognize chemical composition of low-carbon steel in NH3 (NO)4 material	Nissan S. Oraibi
11:00-11:12	96	Some Physical Properties Of Polyaniline Blends Films	Tariq J. Alwan , Abdulkhaliq S. Jabbar

College Of Education For Pure Science (Ibn Al-Haitham)				
Day 2	Thursday	Morning Session	Date	Dec. 14 , 2017
Session	2phys2m		venue	Physics Dept. Seminar Hall 2

Session Theme	Physics
Session Duration	(10:00 – 11:30) am.
Session Chair	Prof. Dr. Aleya A. Shihab
Rapporteur	Assist. Prof. Dr. Widad H. Jasim

Time	Code	Title	Autho
10:00-10:12	81	Design And Simulation Of Surface Plasmon Resonance Sensors For Environmental Monitoring	Aseel I. Mahmood , Rawa Kh. Ibrahim, Zainab Kh. Ibrahim
10:12-10:24	69	Very High Q-Factor Based On G-Shaped Resonator Type Metamaterial Absorber	Khalid S. Lateef
10:24-10:36	93	Numerical Simulation Of Endlessly Single Mode Photonic Crystal Fibers (ESM-12-02)	Nadia F. Muhammed, Sudad S. Al-Bassam, Aseel Ibrahim, Shehab A. Kahdum
10:36-10:48	105	The Effect Of Replaced Recycled Glass On Thermal Conductivity Of Brittle Materials	Mustafa A. Mahmoud, Asmaa S. Khalil, Ali H. Ressen, Mohammed K. Jawad, Ban M. Mozahim
10:48-11:00	139	The Effect Of Fecl ₃ Additives On The Optical Parameters Of Pva	Duha M. A. Latif , Sami S. Chiad, Khalid H. Abass , Nadir F. Habubi , Muhssen S. Erhayief , Hadi Ahmed Hussin
11:00-11:12	158	Enhance Video Film Using Retnix Method	Rasha A. Abtan, Ali A. D. Al-Zuky, Anwar H. Al-Saleh, Haidar J. Mohamad

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Day 2	Thursday	Morning Session	Date	Dec. 14 , 2017
Session	2phys3m		venue	Physics Dept. Seminar Hall 1

Session Theme	Physics
Session Duration	(10:00 – 11:30) am.
Session Chair	Prof. Dr. Khalid H. Mahdi
Rapporteur	Assist. Prof. Dr. Aisar J. Ibraheem

Time	Code	Title	Author
10:00-10:12	249	Characterization Of ZnO Nanoparticles-PVDF Polymer Visible Photoconductive Detector On Silicon And Porous Silicon	Asama N. Naje, Omar Adnan
10:12-10:24	198	Synchronization Of Quantum Cascade Lasers With Negative Optoelectronic Feedback	Hussein H. Waried
10:24-10:36	173	Measuring Of Non-Linear Properties Of Spatial Light Modulator With Different Wavelengths	Samar Y. Aldabagh, Sudad S. Ahmed, Aseel I. Mahmood, Farah G. Khalid
10:36-10:48	88	Using SAFRAN Software to Assess Radiological Hazards from Dismantling of Tammuz-2 Reactor Core at Al-tuwaitha Nuclear Site	Mezher A. Gatea, Anwar A. Ahmed, Saad j. Kadhum, Hasan M. Ali, Abbas H. Muheisn
10:48-11:00	267	Theoretical Calculation Of The Electron Transport Parameters And Energy Distribution Function For CF3I With Noble Gases Mixtures Using Monte Carlo Simulation Program	Enas A. Jawad
11:00-11:12	29	Radiological Risk Assessments For Occupational Exposure At Fuel Fabrication Facility Al-Tuwaitha Site Baghdad – Iraq By Using Resrad Computer Code	Zaidoon H. Ibrahim, Sameera A. Ibrahim, Marwa K. Mohammed, Auday H. Shaban,

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Day 2	Thursday	Morning Session	Date	Dec. 14 , 2017
Session	2phys4m		venue	Chemistry Dept. Hall 4

Session Theme	Physics
Session Duration	(10:00 – 11:30) am.
Session Chair	Prof. Dr. Bashaier M. Saeed
Rapporteur	Assist. Prof. Dr. Mustafa K. Jasim

Time	Code	Title	Author
10:00-10:12	225	Detection Of Increasing Of Tropospheric NO ₂ Over some Iraqi Cities By Using Satellite Data	Saadiyah H. Halos
10:12-10:24	4	OLIFE: Tight Binding Transmission Coefficient Calculation Code	Zainelabideen Y. Mijbil
10:24-10:36	68	Design Of Light Trapping Solar Cell System By Using Zemax Program	Alaa B. Hasan, Sabah A. Husain
10:36-10:48	70	Practical Study For The Properties Of Hueckel Edge Detection Operator	Hameed M. Abduljabbar, Amal J. hatem, Inbethaq M. A. AbdulAmeer
10:48-11:00	100	Chaotic Behavior Of The Rössler Model And Its Analysis By Using Bifurcations Of Limit Cycles And Chaotic Attractors	Kejeen M. Ibrahim, Raied K. Jamal, Falah Hasan
11:00-11:12	167	Theoretical Evaluations Of Probability Of Photons Yield Depending On Quantum Chromodynamics Theory	Hadi J. Al-Agealy, Mudhafar J. Sahib

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Day 2	Thursday	Afternoon Session	Date	Dec. 14 , 2017
Session	2phys1a		venue	Prof. Salim Abdulhameed Hall

Session Theme	Physics
Session Duration	12:00 –1:30 pm.
Session Chair	Prof. Dr. Raad H. Majeed
Rapporteur	Assist. Prof. Dr. Farouk I. Hussain

Time	Code	Title	Author
12:00-12:12	138	Urban Energy And Dispersion Parameters Of Polyvinyl Alcohol Thin Films Doped With Fe	Nadir F. Habubi , Khalid H. Abass , Chiad S. Sami , Duha M. A. Latif , Jandow N. Nidhal , Ismaeel Al-Baidhany
12:12-12:24	182	The Role Of Tin Oxide Concentration On The Structural, Morphology And Optical Properties Of In ₂ O ₃ :SnO ₂ Thin Films	Bushra A. Hasan , Rusul M. Abdallah
12:24-12:36	327	Doping And Annealing Effect On Evaporation Of ZnO Thin Films	Auday H. Shaban , Sameer A. Mekei , Shahd A. Hussain
12:36-12:48	210	Study Of The Effect Of Electromagnetic Fields On Indoor And Outdoor Radon Concentrations	Lina M. Haider , Najlaa R. Shareef, Hassan H. Darwoysh, Hazim L. Mansour
12:48-1:00	215	Effect Of Nanoparticle Size Of TiO ₂ And Additive Materials To Improve Dye Sensitized Solar Cells Efficiency	Falah H. Ali , Dheyaa B. Alwan
1:00-1:12	8	Study Of Vegetation Cover Distribution Using DVI, PVI And WDVI Indices With 2D-Space Plot	Taghreed A. H. Naji

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Day 2	Thursday	Afternoon Session	Date	Dec. 14 , 2017
Session	2phys2a		venue	Physics Dept. Seminar Hall 2

Session Theme	Physics
Session Duration	12:00 –1:30 pm.
Session Chair	Prof. Dr. Nadir F. Habubi
Rapporteur	Assist. Prof. Dr. Alaa B. Hasan

Time	Code	Title	Author
12:00-12:12	172	Preparing And Study The Effects Of Composite Coatings In Protection Of Oil Pipes From The Risk Of Corrosion That Resulting From The Water Associated With Petroleum Products.	Abdulhameed R. Mahdi, Mohammed A. Yaseen
12:12-12:24	189	Recycling The Construction And Demolition Waste To Produce Polymer Concrete	Mohammad T. Hamza, Awham M. Hameed
12:24-12:36	214	Study The Effect Of Flow Rate On Some Physical Properties Of Different Polymeric Solutions	Akram R. Jabur, Manar A. Najim, Shereen A. Abdurahman
12:36-12:48	230	The Effect Of MWCNT On Some Physical Properties Of Epoxy Matrix	Tagreed M. Alsaadi, Suad H. Aleabi, Entisar E. Al-Obodi, Hadeel A. J. Abbas
12:48-1:00	235	Carbon Nanotubes /Conduct Polymer Nanocomposites For Electronic Devices	Estabraq T. Abdullaha, Abdulsattar G. Enadb, Mohammed G. Hamed
1:00-1:12	285	Mathematical Calculations Of Heat Transfer For The CNC Deposition Platform Based On Chemical Thermal Method	Mohammed Sh. Essa, Bahaa T. Chiad, Khalil A. Hussein

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Day 2	Thursday	Afternoon Session	Date	Dec. 14 , 2017
Session	2phys3a		venue	Physics Dept. Seminar Hall 1

Session Theme	Physics
Session Duration	12:00 –1:30 pm.
Session Chair	Prof. Dr. Harith I. Jaafar
Rapporteur	Assist. Prof. Dr. Hameed M. Abduljabbar

Time	Code	Title	Author
12:00-12:12	31	Computation Of Hazard Indices And Age Group Parameters Of Powder Milk Consumed In Iraq	Hassan A. Ammer, Nada F. Kadhim, Mahmood S. Karim
12:12-12:24	121	Arriving A Characteristic Formula To Deducing The Energy Of The Heaviest Particles Producing From The Controlled Thermonuclear Fusion Reactions	Raad H. Majeed, Osamah N. Oudah
12:24-12:36	181	Design Of Charged Particle Of Lens Using An Analytical Potential Formula	Ali H. Hassan, Mohammed J. Yaseen, Saadi R. Abbas
12:36-12:48	191	Interraction Of(O,Ar)Ions With (Prostat) As Approach Of Cancer Therapy	Bashair M. Saied, Saad N. Yaacoub
12:48-1:00	302	Radon Concentration And Dose Assessment In Well Water Samples From Karbala Governorate Of Iraq	Iman T. Al-Alawy, Aqeel A. Hasan
1:00-1:12	240	Effect Of Electrical Current Stimulation On Pseudomonas Aeruginosa Growth	Auns Q. Alneami, Eman Gh. Khalil, Rana A. Mohsien Ali F. Abdulkareem

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Day 2	Thursday	Afternoon Session	Date	Dec. 14 , 2017
Session	2phys4a		venue	Chemistry Dept. Hall 4

Session Theme	Physics
Session Duration	12:00 –1:30 pm.
Session Chair	Prof. Dr. Hazim L. Mansour
Rapporteur	Assist. Prof. Dr. Hadi J. Mojebil

Time	Code	Title	Author
12:00-12:12	124	Structural And Optical Properties Of Colloidal Inzno Nps Prepared By Laser Ablation In Liquid	Maryam M. Khlewee, Khawla S. Khashan
12:12-12:24	130	Multispectral And Panchromatic Used Enhancement Resolution And Study Effective Enhancement On Supervised Classification Landcover	Salama S. Salman , Wafaa A. Abbas
12:24-12:36	131	Hiding Information Using Different Lighting Color Images	Ahlam Majeed , Salema Sultan, Rasha Awad
12:36-12:48	136	Enhance The Performance Of Liquid Crystal As An Optical Switch Doped With Cds Quantum Dots	Sudad S. Ahmed, Rawa Kh. Ibrahim, Kais Al-Naimee , Asama N. Naje, Omar A. Ibrahim, Khalood A. Majeed
12:48-1:00	137	Spatial And Temporal Analysis Of Mean Air Temperature Seasonally And Annually In Iraq For The Period 1980-2015	Yassen K. AlTimimi, Aws A. AlKhudhairy.
1:00-1:12	155	Preparation And Characterization Of Copper Oxide Nanoparticles Decorated Carbon Nanoparticles Using Laser Ablation In Liquid	Farah A. Abdulameer, Khawla S. khashan, Majid S. Jabir