**International Workshop on Dynamical Systems
and Applications:
In Memory of Prof. Dr. Aydın Tiryaki**
http://iwdsa2019.gazi.edu.tr

**Gazi University, Faculty of Science,
75th Year Conference Hall, Ankara, Turkey**

Ankara
DSS

May 3, 2019

08:30-09:00	Registration
09:00-09:45	Opening Ceremony and Commemoration of Prof. Dr. Aydın Tiryaki
09:45-10:00	Taking Photo

	Chair: A. Okay Çelebi
10:00-10:20	**Pakize Temtek,** Oscillation criteria for a certain second-order nonlinear perturbed differential equations (with N.K. Geçer), *Turkish*
10:20-10:40	**Müge Meyvacı,** Blow-up of solutions of nonlinear Pseudo-Parabolic equations, *Turkish*
10:40-11:00	**Hakan Çiftci,** Asymptotic iteration technique and it's applications, *Turkish*

11:00-11:20	Coffee Break

	Chair: Cemil Yıldız
11:20-11:40	**Yasemin Başcı,** Oscillation results for second-order matrix differential equations with damping (with A. Tiryaki), *Turkish*
11:40-12:00	**Süleyman Öğrekçi,** On the stability problem of differential equations in the sense of Ulam (with Y. Başçı, A. Mısır), *Turkish*
12:00-12:20	**Tuğba Akman-Yıldız,** Optimal pollution control for a waterborne pathogen model, *English*

12:20-13:30	Break Time

May 3, 2019

	Chair: Fatma Ayaz
13:30-13:50	**Bülent Ayanlar,** Oscillation theorems for second-order nonlinear differential equations with impulsive effects, *Turkish*
13:50-14:10	**Zeynep Kayar,** Disconjugacy via Lyapunov type inequality for linear discrete Hamiltonian systems (with A. Zafer), *English*
14:10-14:30	**Sibel Doğru Akgöl,** On a new Vallee Poussin type inequality for linear differential equations under impulse effect (with A. Özbekler), *English*

14:30-14:50	**Coffee Break**

	Chair: Dursun Taşcı
14:50-15:10	**Yağmur Atlı Sargın,** Optimal control of stochastic differential equations and optimality conditions (with F.N. Yılmaz), *Turkish*
15:10-15:30	**Orhan Özdemir,** Oscillation results for second order neutral dynamic equations on time scales (with E. Tunç), *Turkish*
15:30-15:50	**Esen Karakuş,** Solvability of infinite system of second-order differential equations (with M.T. Şenel), *Turkish*

15:50-16:10	**Coffee Break**

	Chair: Duran Türkoğlu
16:10-16:30	**Erhan Pişkin,** Explosive solutions for a nonlinear integro-differential equations with variable exponents, *Turkish*
16:30-16:50	**Erhan Pişkin,** Decay of solutions for a system of higher-order wave equations (with E. Harman), *Turkish*
16:50-17:10	**Nurcan Bilgili Güngör,** Periodic point results on orthogonal cone metric space (with D. Türkoğlu), *English*

17:10-17:30	**Coffee Break**

	Chair: Ercan Altınışık
17:30-17:50	**Özlem Akyel,** A class of generating functions for some polynomials (with E. Erkuş-Duman), *Turkish*
17:50-18:10	**Emrah Karaman,** Optimality conditions of set-valued optimization problems with respect to l_1 order relation by using Oriented function, *Turkish*
18:10-18:30	**Esra Efetürk**, Riesz spaces with disjoint b-property, *Turkish*
18:30-18:50	**Bahar Karaman,** A meshless method for the coupled nonlinear Schrödinger equations (with Y. Dereli), *Turkish*

International Workshop on Dynamical Systems and Applications:
In Memory of Prof. Dr. Aydın Tiryaki
http://iwdsa2019.gazi.edu.tr

Gazi University, Faculty of Science,
75th Year Conference Hall, Ankara, Turkey

May 4, 2019

	Chair: Adil Mısır
08:30-08:50	**Ömer Akın,** The consept of Hukuhara derivative and Aumann integral for intuitionistic fuzzy number valued function (with S. Bayeğ), *Turkish*
08:50-09:10	**Ferhan Şola Erduran**, On soft fuzzy metric spaces (with C. Yıldız), *Turkish*
09:10-09:30	**Adil Kaymaz,** Oscillatory behavior of damped second-order linear neutral differential equations (with E. Tunç), *Turkish*

09:30-09:50	**Coffee Break**

	Chair: Bahri Turan
09:50-10:10	**Mediha Akçay Örkçü**, Iterates of the Bernstein type max-product operators (with F.B. Hatipoğlu), *Turkish*
10:10-10:30	**Kazım Özcan,** Two problems in the theory of disjointness preserving operators (with B. Turan), *Turkish*
10:30-10:50	**Kübra Altay,** Approximation by parametric extension of Baskakov-Durrmeyer type operators (with İ. Yüksel), *Turkish*

10:50-11:10	**Coffee Break**

	Chair: Ömer Akın
11:10-11:30	**Yeter Şahiner**, On distribution of zeros of solutions of first order delay differential equations, *English*
11:30-11:50	**Ferit Gürbüz,** The boundedness of a class of fractional type rough higher order commutators on vanishing generalized weighted Morrey spaces, *Turkish*
11:50-12:10	**Fatma Kızılca,** The spectra of the graph with using k-th power of a graph (with S. Büyükköse), *Turkish*

12:10-13:30	**Break Time**

May 4, 2019

	Chair: Naim Tuğlu
13:30-13:50	**Sinem Şahiner,** Oscillation results for a certain type elliptic equation by using a suitable Picone-type inequality, *English*
13:50-14:10	**Naseer Ali Husieen Al-Kurashy,** Effect hyphal death on FHXW branching type with energy (with A.H.S. Al-Taie), *English*
14:10-14:30	**Ali Hussein Shuaa Al-Taie,** Exponential of lateral branching, Tip-Hypha anastomosis with loss energy (with N.A.H. Al-Kurashy), *English*

14:30-14:50	**Coffee Break**

	Chair: Billur Kaymakçalan
14:50-15:10	**Dumitru Baleanu,** Why new fractional calculus?, *English*
15:10-15:30	**Fikri Öztürk,** State prediction and parameter identification in stochastic State-Space Models with time-invariant parameters, *Turkish*
15:30-15:50	**Fikri Öztürk,** State prediction and parameter identification in stochastic linear State-Space Models with time-variant parameters, *Turkish*

15:50-16:10	**Coffee Break**

	Chair: Dumitru Baleanu
16:10-16:30	**Billur Kaymakçalan,** On Bennet-Leindler type dynamic inequalities (with N.N. Pelen), *English*
16:30-16:50	**Türker Ertem,** On asymptotic integration of second-order delay differential equations (with R.P. Agarwal, A. Zafer), *English*
16:50-17:10	**Melek Sofyalıoğlu,** On linear positive operators preserving exponential functions (with K. Kanat), *English*

17:10-17:30	**Coffee Break**

	Chair: Meryem Kaya
17:30-17:50	**Gökçe Efeoğlu**, On the construction a topology on a monoid and a group using prefilters (with Ç. Vural), *Turkish*
17:50-18:10	**Aysun Karakuş**, Structural stability for the g-Kelvin Voight equations (with M. Kaya), *Turkish*
18:10-18:30	**Esra Yurdakul,** Generalization of Szasz-Schurer operators of two variables, *Turkish*

18:30-19:00	**Closing Ceremony and Taking Photo**