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Education Information

Doctorate, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Ve Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2005 - 2009
Postgraduate, Fatih University, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), Turkey 2002 - 2005
Undergraduate, Ondokuz Mayis University, Fen-Edebiyat Fakültesi, İstatistik Bölümü, Turkey 1998 - 2002

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Hiperbolik diferensiyel denklemleri için iki adımlı fark şemaları, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Ve Fen Bilimleri Enstitüsü, Matematik (Dr), 2009
Postgraduate, An investigation of difference schemes for hyperbolic equations, Fatih University, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), 2005

Academic Titles / Tasks

Mevlana University, Eğitim Fakültesi, İlköğretim Bölümü, 2010 - 2015
Halic University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2009 - 2010
Lecturer, Halic University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2008 - 2009
Lecturer, Fatih University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2008 - 2008
Research Assistant, Fatih University, Fen Bilimleri Enstitüsü, 2006 - 2008
Research Assistant, Bahcesehir University, Fen-Edebiyat Fakültesi, Matematik-Bilgisayar Bölümü, 2006 - 2006

Academic and Administrative Experience

Ondokuz Mayis University, 2015 - 2016

Courses

Diferansiyel Denklemler, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Nümerik Analize Giriş, Postgraduate, 2020 - 2021

Kesirli Diferansiyel Denklemler I, Doctorate, 2019 - 2020

Kesirli Analiz I, Postgraduate, 2019 - 2020, 2018 - 2019

Matematik Fiziğin Denklemleri, Postgraduate, 2019 - 2020

Nümerik Analize Giriş, Undergraduate, 2018 - 2019

Complex Functions and Transform Techniques, Undergraduate, 2018 - 2019

Kısmi Diferansiyel Denklemler I, Undergraduate, 2018 - 2019

SAYISAL ANALİZ, Undergraduate, 2015 - 2016

BİLGİSAYAR UYGULAMASI, Undergraduate, 2015 - 2016

SAYISAL ANALİZ, Doctorate, 2015 - 2016

MATEMATİK BİLİŞİM VE TEKNOLOJİ KULLANIMI I, Undergraduate, 2015 - 2016

ORDİNARY DİFFERENTİAL EQUATİONS, Undergraduate, 2014 - 2015

UYGULAMALI İLERİ SAYISAL ANALİZ, Postgraduate, 2014 - 2015

KALKÜLÜS I, Undergraduate, 2014 - 2015

FONKSİYONEL ANALİZ, Undergraduate, 2014 - 2015

MÜHENDİSLER İÇİN İLERİ SAYISAL YÖNTEMLER, Doctorate, 2014 - 2015

MÜHENDİSLİK MATEMATİĞİ I, Undergraduate, 2014 - 2015, 2012 - 2013, 2011 - 2012

İSTATİSTİK VE OLASILIK I, Undergraduate, 2013 - 2014

DİFERANSYEL DENKLEMLER, Undergraduate, 2013 - 2014

LİNEER CEBİR II, Undergraduate, 2013 - 2014, 2011 - 2012

LİNEER CEBİR I, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

İSTATİSTİK VE OLASILIK II, Undergraduate, 2013 - 2014

ENGINEERING MATHEMATIS I, Undergraduate, 2013 - 2014

MÜHENDİSLİK MATEMATİĞİ II, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

DİFERANSİYEL DENKLEMLER, Undergraduate, 2012 - 2013

GEOMETRİ, Undergraduate, 2012 - 2013, 2010 - 2011

FELSEFEYE GİRİŞ, Undergraduate, 2012 - 2013, 2011 - 2012

MATEMATİK I, Undergraduate, 2011 - 2012, 2010 - 2011

GENEL MATEMATİK, Undergraduate, 2010 - 2011

SOYUT MATEMATİK, Undergraduate, 2010 - 2011

AYRIK MATEMATİK, Undergraduate, 2008 - 2009

MÜHENDİSLİK MATEMATİĞİ, Undergraduate, 2008 - 2009

Sayısal Analiz I, Undergraduate, 2008 - 2009

Lineer Cebir, Undergraduate, 2008 - 2009

INTRODUCTİON TO PROBABİLİTY THEORY, Undergraduate, 2007 - 2008

INTRODUCTİON TO STATİSTİCS, Undergraduate, 2007 - 2008

İSTATİSTİĞE GİRİŞ, Undergraduate, 2007 - 2008

INTRODUCTİON TO PROBABİLİTY AND STATİSTİCS, Undergraduate, 2007 - 2008

Introduction to Differential Equations, Undergraduate, 2007 - 2008

OLASILIK VE İSTATİSTİĞE GİRİŞ, Undergraduate, 2007 - 2008

Published journal articles indexed by SCI, SSCI, and AHCI

I. **New analytical and numerical solutions to the (2+1)-dimensional conformable cpKP-BKP equation arising in fluid dynamics, plasma physics, and nonlinear optics**
Senol M., Gencyigit M., Köksal M. E., Qureshi S.
OPTICAL AND QUANTUM ELECTRONICS, vol.56, no.3, 2024 (SCI-Expanded)

II. **Recent Developments of Numerical Methods for Analyzing Telegraph Equations**
Köksal M. E.

ARCHIVES OF COMPUTATIONAL METHODS IN ENGINEERING, vol.30, no.6, pp.3509-3527, 2023 (SCI-Expanded)

III. **Decomposition of Fourth-Order Linear Time-Varying Systems into its Third- and First-Order Commutative Pairs**
Ibrahim S., Köksal M. E.
CIRCUITS SYSTEMS AND SIGNAL PROCESSING, vol.42, pp.3320-3340, 2023 (SCI-Expanded)

IV. **Mathematical Modeling of Feelings in Viewpoint of Analysis of Olvido Poetry with Fractional Operators**
Dokuyucu M. A., ARMAĞAN B., ELİUZ Ü., Akdemir A. O., Köksal M. E.
JOURNAL OF MATHEMATICS, vol.2023, 2023 (SCI-Expanded)

V. **Decomposition of Second-Order Discrete-Time Linear Time-Varying Systems into First-Order Commutative Pairs**
Güneş S. A., Köksal M. E.
CIRCUITS SYSTEMS AND SIGNAL PROCESSING, vol.42, no.5, pp.2723-2739, 2023 (SCI-Expanded)

VI. **Evaluation of the Remainders of a Class of Series by Using Saddle-Point Method**
Isik O., Köksal M. E., Uzer A.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.71, no.2, pp.2011-2015, 2023 (SCI-Expanded)

VII. **Mathematical and Numerical Modelling of Interference of Immune Cells in the Tumour Environment**
Sinha S., Singh P., Köksal M. E.
DISCRETE DYNAMICS IN NATURE AND SOCIETY, vol.2023, 2023 (SCI-Expanded)

VIII. **Mathematical Modeling of Coronavirus Dynamics with Conformable Derivative in Liouville-Caputo Sense**
Bonyah E., Hammouch Z., Köksal M. E.
JOURNAL OF MATHEMATICS, vol.2022, 2022 (SCI-Expanded)

IX. **Analyzing Similarity Solution of Modified Fisher Equation**
Duruk E. H., Köksal M. E., Jiwari R.
JOURNAL OF MATHEMATICS, vol.2022, 2022 (SCI-Expanded)

X. **Double Controlled Partial Metric Type Spaces and Convergence Results**
Ahmad H., Younis M., Köksal M. E.
JOURNAL OF MATHEMATICS, vol.2021, 2021 (SCI-Expanded)

XI. **Commutativity of Sixth-Order Time-Varying Linear Systems**
Ibrahim S., Köksal M. E.
CIRCUITS SYSTEMS AND SIGNAL PROCESSING, vol.40, no.10, pp.4799-4832, 2021 (SCI-Expanded)

XII. **A Composite Algorithm for Numerical Solutions of Two-Dimensional Coupled Burgers' Equations**
Kumar V., Singh S., Köksal M. E.
JOURNAL OF MATHEMATICS, vol.2021, 2021 (SCI-Expanded)

XIII. **Realization of a Fourth-Order Linear Time-Varying Differential System with Nonzero Initial Conditions by Cascaded two Second-Order Commutative Pairs**
Ibrahim S., Köksal M. E.
CIRCUITS SYSTEMS AND SIGNAL PROCESSING, vol.40, no.6, pp.3107-3123, 2021 (SCI-Expanded)

XIV. **Transitivity of Commutativity for Linear Time-Varying Physical Systems**
Köksal M. E.
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, vol.16, no.2, pp.1071-1082, 2021 (SCI-Expanded)

XV. **An Alternative Method for Cryptology in Secret Communication**
Köksal M. E.
JOURNAL OF INFORMATION SCIENCE AND ENGINEERING, vol.36, no.5, pp.1141-1152, 2020 (SCI-Expanded)

XVI. **Commutativity of first-order discrete-time linear time-varying systems**
Köksal M. E.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.42, no.16, pp.5274-5292, 2019 (SCI-Expanded)

XVII. **Decomposition of Third-Order Linear Time-Varying Systems into Its Second- and First-Order Commutative Pairs**
Köksal M. E., YAKAR A.

CIRCUITS SYSTEMS AND SIGNAL PROCESSING, vol.38, no.10, pp.4446-4464, 2019 (SCI-Expanded)

XVIII. **A class of numerical algorithms based on cubic trigonometric B-spline functions for numerical simulation of nonlinear parabolic problems**
Jiwari R., Pandit S., Köksal M. E.
COMPUTATIONAL & APPLIED MATHEMATICS, vol.38, no.3, 2019 (SCI-Expanded)

XIX. **Numerical simulation of power transmission lines**
Köksal M. E., ŞENOL M., Unver A. K.
CHINESE JOURNAL OF PHYSICS, vol.59, pp.507-524, 2019 (SCI-Expanded)

XX. **Numerical Approximation for Nonlinear Noisy Leaky Integrate-and-Fire Neuronal Model**
Sharma D., Singh P., Agarwal R. P., Köksal M. E.
MATHEMATICS, vol.7, no.4, 2019 (SCI-Expanded)

XXI. **Transitivity of Commutativity for Second-Order Linear Time-Varying Analog Systems**
Köksal M. E.
CIRCUITS SYSTEMS AND SIGNAL PROCESSING, vol.38, no.3, pp.1385-1395, 2019 (SCI-Expanded)

XXII. **Commutativity of systems with their feedback conjugates**
Köksal M. E.
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.41, no.3, pp.696-700, 2019 (SCI-Expanded)

XXIII. **Stability analysis of fractional differential equations with unknown parameters**
Köksal M. E.
NONLINEAR ANALYSIS-MODELLING AND CONTROL, vol.24, no.2, pp.224-240, 2019 (SCI-Expanded)

XXIV. **Time and frequency responses of non-integer order RLC circuits**
Köksal M. E.
AIMS MATHEMATICS, vol.4, no.1, pp.64-78, 2019 (SCI-Expanded)

XXV. **Explicit commutativity conditions for second-order linear time-varying systems with non-zero initial conditions**
Köksal M. E.
ARCHIVES OF CONTROL SCIENCES, vol.29, no.3, pp.529-548, 2019 (SCI-Expanded)

XXVI. **High-order finite volume approximation for population density model based on quadratic integrate-and-fire neuron**
Singh P., Kumar S., Köksal M. E.
ENGINEERING COMPUTATIONS, vol.36, no.1, pp.84-102, 2019 (SCI-Expanded)

XXVII. **Lie symmetry based-analytical and numerical approach for modified Burgers-KdV equation**
Kumar V., Kaur L., Kumar A., Köksal M. E.
RESULTS IN PHYSICS, vol.8, pp.1136-1142, 2018 (SCI-Expanded)

XXVIII. **NECESSARY AND SUFFICIENT CONDITIONS FOR THE EXISTENCE OF PERIODIC SOLUTIONS IN A PREDATOR-PREY MODEL**
Pelen N. N., Köksal M. E.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, vol.2017, 2017 (SCI-Expanded)

XXIX. **Haar wavelets operational matrix based algorithm for computational modelling of hyperbolic type wave equations**
Pandit S., Jiwari R., Bedi K., Köksal M. E.
ENGINEERING COMPUTATIONS, vol.34, no.8, pp.2793-2814, 2017 (SCI-Expanded)

XXX. **Inverse Commutativity Conditions for Second-Order Linear Time-Varying Systems**
Köksal M. E.
JOURNAL OF MATHEMATICS, vol.2017, 2017 (SCI-Expanded)

XXXI. **Recent Trends in Computational and Theoretical Aspects in Differential and Difference Equations**
Jiwari R., Köksal M. E., Akca H.
JOURNAL OF MATHEMATICS, vol.2017, 2017 (SCI-Expanded)

XXXII. **Decomposition of a second-order linear time-varying differential system as the series connection of two first order commutative pairs**

Köksal M. E.

OPEN MATHEMATICS, vol.14, pp.693-704, 2016 (SCI-Expanded)

XXXIII. **PARAMETER EXTRACTION OF COMPLEX PRODUCTION SYSTEMS VIA A KINETIC APPROACH**

Unver A. K., Ringhofer C., Köksal M. E.

KINETIC AND RELATED MODELS, vol.9, no.2, pp.407-427, 2016 (SCI-Expanded)

XXXIV. **Quasilinearization method for nonlinear differential equations with causal operators**

YAKAR A., Köksal M. E.

JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, vol.9, no.3, pp.1356-1364, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. **Analytical solutions of the fractional (3+1)-dimensional Boiti-Leon-Manna-Pempinelli equa-tion**

Gencyigit M., Senol M., Köksal M. E.

COMPUTATIONAL METHODS FOR DIFFERENTIAL EQUATIONS, vol.11, no.3, pp.564-575, 2023 (ESCI)

II. **Laplace transform collocation method for telegraph equations defined by Caputo derivative**

MODANLI M., KÖKSAL M. E.

Mathematical Modelling and Numerical Simulation with Applications, vol.2, no.3, pp.177-186, 2022 (Peer-Reviewed Journal)

III. **Commutativity associated by Heun's differential equations**

KÖKSAL M. E.

Tbilisi Mathematical Journal, 2021 (Peer-Reviewed Journal)

IV. **Commutativity Conditions of Lame's Differential Equation**

KÖKSAL M. E.

Avrupa Bilim ve Teknoloji Dergisi, no.20, pp.211-214, 2020 (Peer-Reviewed Journal)

V. **Commutativity Conditions of Heine's Differential Equation**

KÖKSAL M. E.

Avrupa Bilim ve Teknoloji Dergisi, no.20, pp.239-243, 2020 (Peer-Reviewed Journal)

VI. **Universal Design Equations for Fractional Order PID Control of Plants with Time Delay**

KÖKSAL M. E.

Çukurova Üniversitesi Mühendislik-Mimarlik Fakültesi Dergisi, vol.34, no.2, pp.231-239, 2019 (Peer-Reviewed Journal)

VII. **Fractional Order Butterworth Filter**

KÖKSAL M. E.

International Journal of Advance Engineering Research and Science, vol.5, no.12, pp.178-185, 2018 (Peer-Reviewed Journal)

VIII. **Commutativity and Commutative Pairs of Some Well-known Differential Equations**

KÖKSAL M. E.

COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS, vol.9, no.4, pp.689-703, 2018 (Peer-Reviewed Journal)

IX. **Frequency Response of a Fractional Order Shunt Resonator of the Class R-RLβCα**

KÖKSAL M. E.

International Journal of Advance Engineering Research and Science, vol.5, no.12, pp.186-189, 2018 (Peer-Reviewed Journal)

X. **Comparison of Step Response Characteristics of Simple Fractional Order Systems and Second Order Systems**

KÖKSAL M. E.

International Journal of Advance Engineering Research and Science, vol.5, no.10, pp.80-89, 2018 (Peer-Reviewed Journal)

XI. **Design Templates for Some Fractional Order Control Systems**

KÖKSAL M. E.

International Journal of Advanced Engineering Research and Science, vol.5, no.9, pp.174-182, 2018 (Peer-

Reviewed Journal)

XII. **Commutativity and Commutative Pairs of Some Differential Equations**
Köksal M. E.
COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS, vol.9, no.4, pp.689-703, 2018 (ESCI)

XIII. **The Second Order Commutative Pairs of a First Order Linear Time Varying System**
KÖKSAL M. E.
APPLIED MATHEMATICS AND INFORMATION SCIENCES, vol.9, no.1, pp.1-6, 2015 (Scopus)

XIV. **Turkish Consumers Risk Perception towards Global Computer Brands**
APAYDIN F., KÖKSAL M. E.
INTERNATIONAL JOURNAL OF MARKETING STUDIES, vol.3, no.3, pp.165-173, 2011 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Commutativity of Fourth-Order Discrete-Time Linear Time-Varying Systems**
ER T., KÖKSAL M. E.
6th International Conference on Mathematics: "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 21 - 23 June 2022, pp.202-206

II. **Decomposition Formulas of a Third-order Discrete-time Linear Time-varying System into its First- and Second-order Commutative Pairs**
Abdullahi M. H., KÖKSAL M. E.
6th International Conference on Mathematics: "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 21 - 23 June 2022, pp.234-239

III. **On gs-Essential Submodules**
KÖKSAL M. E., NEBİYEV C.
6th International Conference on Mathematics "An Istanbul Meeting for World Mathematicians" (ICOM-2022), Turkey, 21 June 2022

IV. **Some Proporties of Time-Varying Linear Systems**
KÖKSAL M. E.
9th International Conference on Signal Processing & Integrated Networks, Noida, India, 25 - 26 August 2022

V. **Commutativity and its Use for Optimizing Performance of Cascade Connected Systems**
KÖKSAL M. E.
4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Ankara, Turkey, 09 June 2022

VI. **Commutativity of Analog and Digital Time-Varying Linear Systems**
KÖKSAL M. E.
1st International Alumni's Mathematics UET Conference, Lahore, Pakistan, 26 February 2022

VII. **Commutativity and Wangering Differential Equation**
KÖKSAL M. E., Karagöl S.
5th International Conference on Mathematics: "An Istanbul Meeting for World Mathematicians", Turkey, 01 December 2021

VIII. **Comparison of Statics Path Planning Models by Time Requirement**
KARAGÖL S., KÖKSAL M. E.
5th International Conference on Mathematics: "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 01 December 2021

IX. **Commutativity of Third-Order Discrete-Time Linear Time-Varying Systems**
Bilgin R. F., KÖKSAL M. E.
5th International Conference on Mathematics: "An Istanbul Meeting for World Mathematicians", Turkey, 01 December 2021

X. **Use of Fractional Calculus in Science and Engineering**
KÖKSAL M. E.

5th International Conference on Mathematics: "An Istanbul Meeting for World Mathematicians", Turkey, 20 December 2021

XI. **Commutativity and Wangerin Differential Equation**
KÖKSAL M. E., KARAGÖL S.
5th International Online Conference on Mathematics, Turkey, 01 December 2021, pp.378-386

XII. **Comparison of Static Path Planning Models by Time Requirement**
KARAGÖL S., KÖKSAL M. E.
5th International Online Conference on Mathematics, İstanbul, Turkey, 01 December 2021, pp.494-500

XIII. **Decomposition of Third-Order Discrete-Time Linear Time-Varying Systems into Its Second- and First-Order Commutative Pairs**
Abdullahi M., KÖKSAL M. E.
2nd International Conference on Differential Equations, Control and Optimization, İstanbul, Turkey, 27 October 2021

XIV. **Commutativity of Time-varying Linear Systems**
KÖKSAL M. E.
2nd International Conference on Differential Equations, Control and Optimization, İstanbul, Turkey, 27 October 2021

XV. **Commutativity and Its Application in Secret Communication**
KÖKSAL M. E.
8th International Conference on Signal Processing & Integrated Networks, India, 26 August 2021

XVI. **Commutativity Associated with Confluent Hypergeometric Differential Equation**
KÖKSAL M. E.
4th INTERNATIONAL CONFERENCE ON MATHEMATICS, İstanbul, Turkey, 27 - 30 October 2020, pp.631-633

XVII. **A Note on the Commutativity of Riemann Differential Equation**
KÖKSAL M. E.
4th INTERNATIONAL CONFERENCE ON MATHEMATICS, İstanbul, Turkey, 27 - 30 October 2020, pp.590-593

XVIII. **Recent Developments of the Commutativity of Time-Varying systems**
KÖKSAL M. E.
4th INTERNATIONAL CONFERENCE ON MATHEMATICS, İstanbul, Turkey, 27 - 30 October 2020

XIX. **Commutativity Conditions of Lame's Differential Equation**
KÖKSAL M. E.
International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Ankara, Turkey, 26 - 27 June 2020, pp.54

XX. **Commutativity Conditions of Heine's Differential Equation**
KÖKSAL M. E.
International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Ankara, Turkey, 26 - 27 June 2020, pp.58

XXI. **Decomposition of a Fourth-order Linear Time-varying System**
IBRAHIM S., KÖKSAL M. E.
4th International Symposium on Innovative Approaches in Engineering and Natural Sciences, Samsun, Turkey, 22 - 24 November 2019, pp.139-141

XXII. **Design of Fractional Order Proportional-Integral-Derivative (FOPID) Controllers by Using 3-Dimensional (3-D) Plots**
NOR M. H., KÖKSAL M. E.
3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 11 - 13 October 2019, pp.227-230

XXIII. **Decomposition of Fourth-order Linear Time-varying Differential System into its Twin Second-order Commutative Pairs (22)**
IBRAHIM S., KÖKSAL M. E.
3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 11 - 13 October 2019, vol.224

XXIV. **Commutativity of Cascaded Systems and Signal Processing**
KÖKSAL M. E.
6th International Conference on Signal Processing Integrated Networks, 7 - 08 March 2019

XXV. **A Note on a Difference Method for Hyperbolic PDEs**
KÖKSAL M. E.
International Conference on Numerical Analysis, Computing Applications in Science, Engineering and Technology, 17 - 20 December 2018, vol.75

XXVI. **On the Commutativity of Analog and Digital Systems**
KÖKSAL M. E.
7th International Conference on Mechatronics and Control Engineering, Netherlands, 27 - 29 November 2018

XXVII. **Fractional Order System Design by Coefficient Diagram Method**
KÖKSAL M. E.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 19 - 21 October 2018, pp.49-53

XXVIII. **Commutativity Conditions of Some Time-varying Systems**
KÖKSAL M. E.
International Conference on Mathematics: "An Istanbul Meeting for World Mathematicians, 3 - 06 July 2018, pp.109-117

XXIX. **Transitivity Property of Commutativity for Linear Time-Varying Systems**
KÖKSAL M. E.
International Conference: 10th Dynamical Systems and Applications, 12 - 15 July 2017

XXX. **Analytical Solvability of Commutative Pairs of Some Well Known Differential System**
KÖKSAL M. E.
International Conference: 9th Dynamical Systems and Applications, 20 - 23 July 2016

XXXI. **Commutativity of Continuous and Discrete Time Varying Systems**
KÖKSAL M. E.
2nd International Conference on Pure and Applied Sciences, 1 - 05 June 2016

XXXII. **Numerical solutions of telegraph equations with the Dirichlet boundary condition**
Ashyralyev A., Turkcan K. T., Köksal M. E.
3rd International Conference on Analysis and Applied Mathematics (ICAAM), Almaty, Kazakhstan, 7 - 10 September 2016, vol.1759

XXXIII. **Commutativity of Time-varying Systems**
KÖKSAL M. E.
3rd Abu Dhabi Univ. Annual International Conference: Mathematical Sciences its Applications, 27 - 30 December 2014

XXXIV. **Commutativity of Lommel and Halm Differential Equations**
KÖKSAL M. E.
International Conference in Honour of Professor Ravi P. Agarwal, 23 - 26 June 2014

XXXV. **Commutativity of Discrete-time Linear Time-varying Systems**
KÖKSAL M. E.
3rd International Conference on Engineering Mathematics and Physics, 14 - 15 June 2014

XXXVI. **Ardışık Bağlı Zamanla Değişen Doğrusal Ayrık zaman Sistemlerinin Sıra değişim Özelliği**
KÖKSAL M. E., KÖKSAL M.
2013 Ulusal Kontrol Konferansı, Turkey, 26 - 28 September 2013, pp.1128-1131

XXXVII. **An Operator-difference Scheme for Hyperbolic PDEs with Significant Firs-order Derivative Term**
KÖKSAL M. E.
14th International Conference on Hyperbolic Problems: Theory, Numeric Applications, 25 - 29 June 2012

XXXVIII. **On the Difference Scheme for Hyperbolic PDEs**
KÖKSAL M. E.
International Conference on Differential Difference Equations Applications, 4 - 08 July 2011

XXXIX. **Effects of a Brand Being Global on Consumers Risk Perception**

APAYDIN F., KÖKSAL M. E.

The 5th International Conference on Business, Management and Economics, 22 - 24 October 2009, pp.345-351

XL. **Numerical Solutions of Wave Equation with Nonlocal boundary Conditions**

KÖKSAL M. E.

17th International Conference on Mathematical Methods Applied to the Sciences, 16 - 19 February 2010

XLI. **Numerical Solution of One-dimensional Wave Equation Arising in Nonhomoheneous Cylindrical Shells**

KÖKSAL M. E.

International Conferenceon Scientific Bases of the Introduction of New Technologies in the New Revival Epoch, 13 December 2009

XLII. **Stability of a New Difference Scheme with Unbounded Operator Coefficients in Hilbert Space**

KÖKSAL M. E., ASHYRALYEV A.

SIAM Analysis of Partial Differential Equations, 7 - 10 December 2009

XLIII. **A New Difference Scheme for Hyperbolic Partial Differential Equations**

KÖKSAL M. E.

International Conference on Applied Analysis Scientific Computation, Turkey, 16 - 17 October 2009

XLIV. **On a Difference Scheme of Second Order of Accuracy for Hyperbolic Equations**

ASHYRALYEV A., KÖKSAL M. E.

The 6th International ISAAC Congress, 13 August - 18 July 2007, pp.670-679

XLV. **A Note on the Numerical Solution of One-dimensional Wave Equation with dirichlet and Neumann Boundary Conditions**

ASHYRALYEV A., KÖKSAL M. E.

International Conference on Applied Analysis Scientific Computation, 25 - 28 June 2009

XLVI. **On the Stability of Difference Schemes for Hyperbolic Equations**

ASHYRALYEV A., KÖKSAL M. E.

International Conference on Differential and Difference Equations and its Applications, 1 - 05 August 2005, pp.117-130

XLVII. **One dimensional Transient Dynamic Response in Functionally Gradient Spherical Multilayered Media**

abualshaıkh i., KÖKSAL M. E.

The 3rd International Conference on Dynamical Systems and Applications, 5 - 10 July 2004, pp.1-20

Supported Projects

Köksal M. E., Project Supported by Higher Education Institutions, Sixth International Conference on Signal Processing and Integrated Networks, 2019 - 2023

Köksal M. E., Project Supported by Higher Education Institutions, The 2018 7th International Conference on Mechatronics and Control Engineering, 2018 - 2019

Köksal M. E., Project Supported by Higher Education Institutions, International Conference: 9th Dynamical Systems and Applications, 2016 - 2017

Köksal M. E., Project Supported by Higher Education Institutions, Third International Conference on Analysis and Applied Mathematics, 2016 - 2016