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Education Information

Doctorate, Bath, School Of Mathematics, Computer And Mathematical Sciences, United Kingdom 1989 - 1993

Supervised Theses

BAYRAM M., Diferensiyel cebirsel ve kısmi türevli diferensiyel cebirsel denklemlerin nümerik çözümü, Postgraduate, M.Osmanoğlu(Student), 2016

BAYRAM M., Satranç Atı Probleminde Kullanılan Arama Algoritmaları, Özellikleri ve Çözümleri, Postgraduate, İ.Can(Student), 2016

BAYRAM M., On stability, periodicity and boundedness of some fourth order rational difference equations' solutions, Doctorate, M.Tuba(Student), 2016

BAYRAM M., Adomian Ayrıştırma (Decomposition) Metodu ile Modelleme Örnekleri, Postgraduate, H.Akyol(Student), 2016

BAYRAM M., Sembolik ve Nümerik Metotlarla Enzim Kinetiği Problemlerinin İncelenmesi, Doctorate, N.Yıldırım(Student), 2016

BAYRAM M., Numerical Solution of Differential-algebraic Equations, Doctorate, E.Çelik(Student), 2016

BAYRAM M., Boundedness, periodicity and stability of some difference equations, Doctorate, S.Ebru(Student), 2016

BAYRAM M., Numerical solutions of fractional differential-algebraic equations, Doctorate, B.İbiş(Student), 2016

BAYRAM M., Mathematical Models By Fundamental Thermodynamic Equations On Paper Drying, Doctorate, G.Koyunlu(Student), 2016

BAYRAM M., Diferensiyel Denklemlerin Diferensiyel Dönüşümler Yardımıyla Çözümü, Postgraduate, Y.Güngör(Student), 2016

BAYRAM M., Senkronizasyon, Postgraduate, F.Burcu(Student), 2016

BAYRAM M., Rasyonel İnterpolasyon Yöntemleri ve Uygulamaları, Postgraduate, B.Ali(Student), 2016

BAYRAM M., Numerical solutions of algebraic Riccati equations, Doctorate, B.Özyurt(Student), 2016

BAYRAM M., A study of Lebesgue constants in barycentric rational and multivariate polynomial interpolation, Doctorate, B.Ali(Student), 2016

BAYRAM M., Matris Teorisinin Biyokimyasal Kinetiğe Uygulaması, Postgraduate, H.Yetişkin(Student), 1998

BAYRAM M., Çok Değişkenli Polinom Tipindeki Denklem Sistemlerinin Gröbner Bazı Metodu ile Çözümü ve Uygulamaları, Postgraduate, M.Güner(Student), 1996

BAYRAM M., Gröbner Bazı ve Uygulamaları, Postgraduate, E.Çelik(Student), 1996

- I. **Stochastic higher-order Lakshmanan-Porsezian-Daniel model with cubic-quintic law nonlinearities in the presence of spatio-temporal and chromatic dispersion terms**
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- III. **Retrieval of the optical soliton solutions of the perturbed Schrödinger-Hirota equation with generalized anti-cubic law nonlinearity having the spatio-temporal dispersion**
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- VIII. **Optical soliton solution of the perturbed Fokas-Lenells equation having the cubic-quintic-septic law of self-phase modulation in the presence of chromatic and spatiotemporal dispersions**
UÇAR M. F., ÖZİŞİK M., SEÇER A., BAYRAM M.
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- XXXIX. **Retrieval of optical solitons: Complex cubic-quintic Ginzburg-Landau equation augmented with the anti-cubic law**
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- XLV. **Optical solitons for the dispersive Schrödinger–Hirota equation in the presence of spatio-temporal dispersion with parabolic law**
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Supported Projects

BAYRAM M., Other International Funding Programs, Optimization and modeling of some physical properties of complex and non-linear food systems using response surface methodology and fuzzy logic inference system and development of descriptive mathematical simulation methods, 2012 - 2014

BAYRAM M., Other International Funding Programs, Optimization and modeling of steady state, dynamic shear and creep-recovery properties of non-linear food systems using response surface methodology and development of descriptive mathematical simulation functions, 2012 - 2014

BAYRAM M., EU Supported Other Project, Applied mathematics and Biostatistics researchs, including all types of Mathematics and Statistics analyses applicable to life sciences data, 2007 - 2011

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Non Academic Experience

Yıldız Teknik Üniversitesi , Dekan

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Atatürk Üniversitesi, Bilgisayar ve Network eğitim Koordinatörü

Atatürk Üniversitesi, Uygulamalı matematik Anabilim Dalı Başkanı

Atatürk Üniversitesi, Bölüm Başkan Yardımcısı

Atatürk Üniversitesi, Bilgisayar Bilimleri Uygulama ve Araştırma merkezi