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Kişisel Bilgiler

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Birimi : Uygulamalı Matematik

Dahili : 1597

Makaleler (YOKSIS)

- 1 Finite difference method for the fractional order pseudo telegraph integro-differential equation**
MODANLI MAHMUT, ÖZBAĞ FATİH, AKGÜL ALİ
Journal of Applied Mathematics and Computational
Mechanics,<http://dx.doi.org/10.17512/jamcm.2022.1.04>
- 2 İlerleyen Yanma Dalgalarının Evans Fonksiyonu İle Spektral Kararlılığı**
Ceylan Kuru Burcu, ÖZBAĞ FATİH
Karadeniz Fen Bilimleri Dergisi,<http://dx.doi.org/10.31466/kfbd.982057>
- 3 Kesirli Mertebeden Pseudo Hiperbolik Diferansiyel Denklemlerin Sonlu Fark Metodu ile Nümerik Çözümleri**
ÖZBAĞ FATİH, MODANLI MAHMUT
Afyon Kocatepe Üniversitesi Fen Ve Mühendislik Bilimleri
Dergisi,<http://dx.doi.org/10.35414/akufemubid.1124445>
- 4 Numerical simulations of traveling waves in a counterflow filtration combustion model**
ÖZBAĞ FATİH
Turkish Journal of Mathematics,<http://dx.doi.org/10.55730/1300-0098.3170>
- 5 On the stability estimates and numerical solution of fractional order telegraph integro-differential equation**
ÖZBAĞ FATİH, MODANLI MAHMUT
Physica Scripta,<http://dx.doi.org/10.1088/1402-4896/ac0a2c>
- 6 Stability of combustion waves in a simplified gas–solid combustion model in porous media**
ÖZBAĞ FATİH, SCHECTER STEPHEN
Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering
Sciences,<http://rsta.royalsocietypublishing.org/lookup/doi/10.1098/rsta.2017.0185>
- 7 Stability of finite difference schemes for two-space dimensional telegraph equation**
MODANLI MAHMUT, ÖZBAĞ FATİH

- 7 Pramana - Journal of Physics,<http://dx.doi.org/10.1007/s12043-022-02474-0>
- 8 **Stability of Finite Difference Schemes to Pseudo-Hyperbolic Telegraph Equation**
MODANLI MAHMUT, ÖZBAĞ FATİH
Journal of mathematical sciences and modelling (Online),<https://dergipark.org.tr/tr/download/article-file/2492275>
- 9 **Traveling waves in a simplified gas-solid combustion model in porous media**
ÖZBAĞ FATİH, SCHECTER STEPHEN, CHAPIRO GRİGORİ
Advances in Differential Equations,<http://dx.doi.org/10.57262/ade/1516676483>

Bildiriler (YOKSIS)

- 1 **Classification Of Wave Sequences For Counterflow Combustion Fronts In Reaction-Convection-Diffusion Model**
ÖZBAĞ FATİH
II. International Hazar Scientific Researches Conference ,
<https://cahid.info/pdf/konfrans2021/10042021/ABSTRACTBOOK.pdf>
- 2 **Combustion Waves and Wave Sequences in Porous Media**
ÖZBAĞ FATİH, SCHECTER STEPHEN
Triangle Area Graduate Mathematics Conference (TAGMaC) ,
- 3 **Combustion Waves and Wave Sequences in Porous Media.**
ÖZBAĞ FATİH, SCHECTER STEPHEN
30th Brazilian Colloquium of Mathematics IMPA ,
- 4 **Counterflow Waves in A Combustion Model**
ÖZBAĞ FATİH
5th IFS And Contemporary Mathematics Conference (IFSCOM 2018) ,
- 5 **Difüzyon Terimi Eklenmiş Yanma Modelinde Ters Yönde İlerleyen Dalgaların Spektral Ve Lineer Kararlılığı**
YOKUŞ HACİRE, ÖZBAĞ FATİH
7. Uluslararası Erciyes Bilimsel Araştırmalar Kongresi ,
https://www.erciyeskongresi.org/_files/ugd/614b1f_dc7e202a8077489a8210ed13749a97cf.pdf
- 6 **Evans Fonksiyonu ile Ters Yönde İlerleyen Dalgaların Spektrum Analizi**
Ceylan Kuru Burcu, ÖZBAĞ FATİH
International Gobeclitepe Applied Sciences Congress-II ,
https://www.inbak.org/_files/ugd/614b1f_dc196346ea894d628ebc5580d116f12f.pdf
- 7 **Existence of Combustion Waves in Porous Media**
ÖZBAĞ FATİH, SCHECTER STEPHEN
3rd International Conference on Applied Mathematics Approximation Theory – AMAT ,
- 8 **Gözenekli Ortamda Ters Yönde İlerleyen Yanma Dalgaları**
BARLAS GAMZE, ÖZBAĞ FATİH
Mas European International Congress On Mathematics-Engineering-Natural&Medical Sciences-III ,
https://www.masjournal.co.uk/_files/ugd/614b1f_d02b69bf1dc1450d9a94d4ccb194c32a.pdf

°

9 Spectral Energy Estimates Of Traveling Combustion Waves

KAMAL BAVEL GUSHAD KAMAL, ÖZBAĞ FATİH

6. Uluslararası Gap Matematik- Muhendislik-Fen Ve Sağlık Bilimleri Kongresi ,
https://www.gapzirvesi.org/_files/ugd/614b1f_8c4aaf05ad29493c868235d77a54d711.pdf

10 Spectrum Analysis Of Traveling Waves In Predator-Prey Model

Çelik Dilek, ÖZBAĞ FATİH

9th International Mardin Artuklu Scientific Researches Conference ,
https://www.artuklukongresi.org/_files/ugd/614b1f_afaf433e850a45ef914d79484e2c0a4f.pdf

11 Stability Analysis of Combustion Waves in Porous Media

ÖZBAĞ FATİH, SCHECTER STEPHEN

International Conference on Mathematics and Mathematics Education – ICMME-2017 ,
http://theicmme.org/docs/Abstracts_Book/ICMME-2017_Book_of_Abstracts.pdf