

## Lect. HÜSEYİN KOÇAK

### Personal Information

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### Education Information

Post Graduate, Ege Üniversitesi, Sosyal Bilimler Enstitüsü, Turkey 2012 - 2016

### Foreign Languages

French, B2 Upper Intermediate

### Dissertations

Post Graduate, Türk Halk Müziği terminolojisi, Ege Üniversitesi, Sosyal Bilimler Enstitüsü, 2004

### Research Areas

Social Sciences and Humanities, Folklore, Art, Music, Turkish Folk Music

### Academic Titles / Tasks

Instructor, Ege Üniversitesi, Rektörlük, Güzel Sanatlar Bölümü, 2010 - Continues

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **A Fractional Model of Gas Dynamics Equations and its Analytical Approximate Solution Using Laplace Transform**  
KUMAR S., Kocak H., YILDIRIM A.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, vol.67, pp.389-396, 2012  
(Journal Indexed in SCI)
- II. **Rational approximation solution of the foam drainage equation with time- and space-fractional derivatives**  
YILDIRIM A., koçak H.  
INTERNATIONAL JOURNAL OF NUMERICAL METHODS FOR HEAT & FLUID FLOW, vol.22, pp.512-525, 2012  
(Journal Indexed in SCI)
- III. **The Comparative Boubaker Polynomials Expansion Scheme (BPES) and Homotopy Perturbation Method (HPM) for solving a standard nonlinear second-order boundary value problem**  
KOÇAK H., YILDIRIM A., ZHANG D. H. , MOHYUD-DIN S. T.

MATHEMATICAL AND COMPUTER MODELLING, vol.54, pp.417-422, 2011 (Journal Indexed in SCI)

- IV. **A range-free method to determine antoine vapor-pressure heat transfer-related equation coefficients using the Boubaker polynomial expansion scheme**

KOÇAK H., DAHONG Z., YILDIRIM A.

RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A, vol.85, no.5, pp.900-902, 2011 (Journal Indexed in SCI)

- V. **A SECOND ATTEMPT TO ESTABLISH AN ANALYTICAL EXPRESSION TO STEAM-WATER DIPOLE ORIENTATION PARAMETER USING THE BOUBAKER POLYNOMIALS EXPANSION SCHEME**

YUE W. X. , KOÇAK H., ZHANG D. H. , YILDIRIM A.

JOURNAL OF STRUCTURAL CHEMISTRY, vol.52, no.1, pp.106-110, 2011 (Journal Indexed in SCI)

- VI. **An efficient algorithm for solving nonlinear age-structured population models by combining homotopy perturbation and Pade techniques**

koçak H., YILDIRIM A.

INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, vol.88, no.3, pp.491-500, 2011 (Journal Indexed in SCI)

## Citations

Total Citations (WOS):79

h-index (WOS):4