

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

**Καθηγητού Θεοδώρου Η. Σίμου
Ακαδημαϊκού EAS, EASA, EAASL**

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ
ΚΑΘΗΓΗΤΗ ΘΕΟΔΩΡΟΥ ΗΛΙΑ ΣΙΜΟΥ
KING SAUD UNIVERSITY
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΕΛΟΠΟΝΝΗΣΟΥ

HIGHLY CITED RESEARCHER IN MATHEMATICS
ΜΕΛΟΣ ΤΟΥ ΕΠΙΣΤΗΜΟΝΙΚΟΥ ΣΥΜΒΟΥΛΙΟΥ (ΜΑΘΗΜΑΤΙΚΑ)
ΤΗΣ ΕΥΡΩΠΑΪΚΗΣ ΑΚΑΔΗΜΙΑΣ ΕΠΙΣΤΗΜΩΝ
ΤΑΚΤΙΚΟΥ ΜΕΛΟΥΣ ΕΥΡΩΠΑΪΚΗΣ
ΑΚΑΔΗΜΙΑΣ ΕΠΙΣΤΗΜΩΝ ΚΑΙ ΤΕΧΝΩΝ,
ΤΑΚΤΙΚΟΥ ΜΕΛΟΥΣ ΕΥΡΩΠΑΪΚΗΣ ΑΚΑΔΗΜΙΑΣ ΕΠΙΣΤΗΜΩΝ,
ΑΝΤΕΠΙΣΤΕΛΛΟΝΤΟΣ ΜΕΛΟΥΣ ΕΥΡΩΠΑΪΚΗΣ ΑΚΑΔΗΜΙΑΣ
ΕΠΙΣΤΗΜΩΝ, ΤΕΧΝΩΝ ΚΑΙ ΑΝΘΡΩΠΙΣΤΙΚΩΝ ΣΠΟΥΔΩΝ,
FELLOW of the ROYAL SOCIETY OF CHEMISTRY (FRSC)

Με μεγάλους χαρακτήρες στοιχεία συγκριτικά του βιογραφικού μου μετά το 2007.

Όνοματεπώνυμο: Θεόδωρος Σίμος.

Ημερομηνία και Τόπος Γεννήσεως: 10 Ιουλίου, 1962 - Παλαιό Φάληρο Αττικής.

Οικογενειακή Κατάσταση: Έγγαμος.

Διεύθυνση Εργασίας: Τμήμα Πληροφορικής και Τηλεπικοινωνιών, Σχολή Οικονομίας,
Διοίκησης και Πληροφορικής, Πανεπιστήμιο Πελοποννήσου, 221
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ΑΚΑΔΗΜΑΪΚΗ ΕΞΕΛΙΞΗ

13/10/2016 - : Επικεφαλής της Ομάδας Σύγχρονων Υπολογιστικών Μεθόδων του Ural Federal University, 620002, 19 Mira Street, Ekaterinburg, Russian Federation

29/04/2010-31/10/2016 : Επισκέπτης Καθηγητής του Τμήματος Μαθηματικών του Κολλεγίου Επιστημών του King Saud University, P. O. Box 2455, Riyadh 11451

2013 - : Καθηγητής του Τμήματος Πληροφορικής και Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου με αντικείμενο “Αριθμητική Ανάλυση με εφαρμογές στην Υπολογιστική Φυσική και την Υπολογιστική Χημεία”. Συγχώνευση Τμημάτων σαν αποτέλεσμα της διαδικασίας "ΑΘΗΝΑ 1"

2004-2013 : Καθηγητής του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου με αντικείμενο “Αριθμητική Ανάλυση με εφαρμογές στην Υπολογιστική Φυσική και την Υπολογιστική Χημεία”.

2002-2004 : Αναπληρωτής Καθηγητής του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου με αντικείμενο “Γενικά Μαθηματικά με έμφαση την Αριθμητική Ανάλυση και την Επιχειρησιακή Έρευνα”.

2002-2005 : Επισκέπτης Καθηγητής του Τμήματος Μαθηματικών του Anglia Polytechnic University. Σημειώνεται ότι για την εκλογή μου ακολουθήθηκαν οι απαιτούμενες διαδικασίες εκλογής έδρας, δεδομένου ότι δεν κατείχα στην χώρα μου το τίτλο του Καθηγητή.

2000-2002 : Αναπληρωτής Καθηγητής του Τμήματος Πολιτικών Μηχανικών του Δ.Π.Θ. με αντικείμενο “Γενικά Μαθηματικά με έμφαση την Αριθμητική Ανάλυση και την Επιχειρησιακή Έρευνα”.

1998-1999 : Μόνιμος Επίκουρος Καθηγητής του Τμήματος Πολιτικών Μηχανικών του Δ.Π.Θ. με αντικείμενο “Γενικά Μαθηματικά με έμφαση την Αριθμητική Ανάλυση και την Επιχειρησιακή Έρευνα”.

1996-1998 : Επίκουρος Καθηγητής του Τμήματος Πολιτικών Μηχανικών του Δ.Π.Θ. με αντικείμενο “Γενικά Μαθηματικά με έμφαση την Αριθμητική Ανάλυση και την Επιχειρησιακή Έρευνα”.

- 1995-1996** : Επίκουρος Καθηγητής του Γενικού Τμήματος του Πολυτεχνείου Κρήτης με αντικείμενο “Αριθμητική Ανάλυση και Υπολογιστικά Μαθηματικά”.
- 1994-1995** : Επισκέπτης Επίκουρος Καθηγητής του Γενικού Τμήματος του Πολυτεχνείου Κρήτης
- 1991-1993** : Συνεργάτης-Ερευνητής, Γεωργικό Πανεπιστήμιο Αθηνών.
-

ΣΤΡΑΤΙΩΤΙΚΗ ΘΗΤΕΙΑ

- 1991-1992** : Στρατιωτική θητεία στην Πολεμική Αεροπορία.
-

ΔΙΟΙΚΗΤΙΚΗ ΔΡΑΣΤΗΡΙΟΤΗΤΑ

- Μέλος της Γ.Σ. του Γενικού Τμήματος του Πολυτεχνείου Κρήτης για τα ακαδημαϊκά έτη 1994-95 και 1995-96.
- Μέλος της Επιτροπής Ανοικτών Διαγωνισμών που λαμβάνουν χώρα στην Πολυτεχνική Σχολή Δ.Π.Θ για το ακαδημαϊκό έτος 1997-1998.
- Μέλος της Επιτροπής Πρόχειρων Διαγωνισμών του Τμήματος Πολιτικών Μηχανικών της Πολυτεχνικής Σχολής Δ.Π.Θ για το ακαδημαϊκό έτος 1998-1999.

- Πρόεδρος της Επιτροπής Παραλαβής οργάνων του Τμήματος Πολιτικών Μηχανικών της Πολυτεχνικής Σχολής Δ.Π.Θ για το ακαδημαϊκό έτος 1998-99.
- Αναπληρωματικό Μέλος της Επιτροπής Παραλαβής οργάνων του Τμήματος Πολιτικών Μηχανικών της Πολυτεχνικής Σχολής Δ.Π.Θ για το ακαδημαϊκό έτος 1999-2000.
- Μέλος της Γ.Σ. του Τομέα Μαθηματικών, Προγραμματισμού και Γενικών Μαθημάτων του Τμήματος Πολιτικών Μηχανικών της Πολυτεχνικής Σχολής Δ.Π.Θ για τα ακαδημαϊκά έτη 1996-1997, 1997-98, 1998-99, 1999-2000 και 2001-2002.
- Μέλος της Γ.Σ. του Τμήματος Πολιτικών Μηχανικών της Πολυτεχνικής Σχολής Δ.Π.Θ για τα ακαδημαϊκά έτη 1997-98, 1998-99 και 2001-2002.
- Διευθυντής του Τομέα Μαθηματικών, Προγραμματισμού και Γενικών Μαθημάτων του Τμήματος Πολιτικών Μηχανικών της Πολυτεχνικής Σχολής Δ.Π.Θ για το ακαδημαϊκό έτος 2001-2002.

- **Αναπληρωτής Προεδρεύων του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών της Σχολής Θετικών Επιστημών και Τεχνολογίας του Πανεπιστημίου Πελοποννήσου για τα ακαδημαϊκά έτη 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006- 01/2007.**
- **Μέλος της Προσωρινής Γενικής Συνέλευσης του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών**

της Σχολής Θετικών Επιστημών και Τεχνολογίας του Πανεπιστημίου Πελοποννήσου από το ακαδημαϊκό έτος 2002-2003 έως 2012-2013.

- Μέλος της Προσωρινής Γενικής Συνέλευσης του Τμήματος Επιστήμης και Τεχνολογίας Τηλεπικοινωνιών της Σχολής Θετικών Επιστημών και Τεχνολογίας του Πανεπιστημίου Πελοποννήσου για τα ακαδημαϊκά έτη 2002-2003 και 2003-2004.

- **Προεδρεύων της Προσωρινής Γενικής Συνέλευσης του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών της Σχολής Θετικών Επιστημών και Τεχνολογίας του Πανεπιστημίου Πελοποννήσου: 02/2007 – 19-11-2008**
- **Μέλος της Διοικούσας Επιτροπής του Πανεπιστημίου Πελοποννήσου (χωρίς δικαίωμα ψήφου): 02/2007-19-11-2008**
- **Μέλος της Γενικής Συνέλευσης του Τμήματος Πληροφορικής και Τηλεπικοινωνιών της Σχολής Οικονομίας Διοίκησης και Πληροφορικής του Πανεπιστημίου Πελοποννήσου από το ακαδημαϊκό έτος 2013-2014 έως σήμερα**

ΠΤΥΧΙΑ/ΤΙΤΛΟΙ ΣΠΟΥΔΩΝ

- 1987-1990** : Διδακτορικό Δίπλωμα στα Μαθηματικά (Αριθμητική Ανάλυση),
Γενικό Τμήμα, Ε.Μ.Π.
- 1981-1986** : Δίπλωμα Μηχανικού Μεταλλείων και Μεταλλουργού Μηχανικού,
Τμήμα Μηχανικών Μεταλλείων και Μεταλλουργών Μηχανικών
Ε.Μ.Π.

Ξένες Γλώσσες: Αγγλικά: πολύ καλά. Γαλλικά: Ικανοποιητικά.

ΑΚΑΔΗΜΑΪΚΑ ΒΡΑΒΕΙΑ

2009 : Έγκριση ερευνητικού προγράμματος για την ερευνητική εργασία του Εργαστηρίου Υπολογιστικής Επιστήμης του Πανεπιστημίου Πελοποννήσου, το οποίο διευθύνω, ύψους € 25000. Σημειώνω ότι αυτό ήταν μέσα στα ελάχιστα που εγκρίθηκαν (από τα συνολικά 459) και χρηματοδοτήθηκαν με το ως άνω ποσό

- 2002** : Βραβείο Υπολογιστικών και Μαθηματικών Μεθόδων στην Επιστήμη και Τεχνολογία 2002 (CMMSE 2002). Το βραβείο αυτό μου απενεμήθη για την γενική συνεισφορά μου στο Τομέα των Υπολογιστικών Μεθόδων στην Επιστήμη και Τεχνολογία. Το βραβείο μου απενεμήθη στο Παγκόσμιο Συνέδριο Υπολογιστικών και Μαθηματικών Μεθόδων στην Επιστήμη και Τεχνολογία 2002, 20-25 Σεπτεμβρίου, Alicante, Spain.
- 1989-1990** : Υποτροφία προγράμματος Erasmus της ΕΕ. Μετάβαση στο Πανεπιστήμιο Γλασκόβης, Τμήμα Επιστήμης των Υπολογιστών, για συνεργασία με τον Professor Dr. Arthur C. Allison πάνω στην διδακτορική μου διατριβή και συγκεκριμένα πάνω στην αριθμητική επίλυση της εξίσωσης του Schrödinger. Το αποτέλεσμα της συνεργασίας αυτής είναι η εργασία 15.
- 1987-1990** : Υποτροφία του Ιδρύματος Μποδοσάκη (κατόπιν επιλογής) για την εκπόνηση διδακτορικής διατριβής στο Ε.Μ.Π.
- 1981-1986** : Υποτροφία του Καθιδρύματος Όθωνος και Αθηνάς Σταθάτου (κατόπιν επιλογής) για τις προπτυχιακές σπουδές στο Ε.Μ.Π.
- 1981-1986** : Υπότροφος του Ιδρύματος Κρατικών Υποτροφιών για τις επιδόσεις μου κατά την διάρκεια των προπτυχιακών σπουδών στο Ε.Μ.Π.
- 1986** : Βραβείο του Τεχνικού Επιμελητηρίου Ελλάδος για τις επιδόσεις μου κατά την διάρκεια των προπτυχιακών σπουδών στο Ε.Μ.Π.
- 1985** : Βραβείο Δημητρίου Θωμαΐδη για τις επιδόσεις μου κατά την διάρκεια των προπτυχιακών σπουδών στο Ε.Μ.Π.
- 1975-1980** : Υποτροφία του Καθιδρύματος Όθωνος και Αθηνάς Σταθάτου (κατόπιν επιλογής) για τις σπουδές στο Γυμνάσιο και το Λύκειο.

ΣΥΓΓΡΑΜΜΑΤΑ

- Γ. Αβδελά και Θ. Σίμου: “Αριθμητική Ανάλυση. Τόμος Ι”, Ξάνθη, 1997.
- Γ. Αβδελά και Θ. Σίμου: “Αριθμητική Ανάλυση. Τόμος ΙΙ (Αριθμητική Γραμμική Άλγεβρα)”, Ξάνθη, 1997.
- Γ. Αβδελά και Θ. Σίμου: “Προγραμματισμός Ηλεκτρονικών Υπολογιστών”, Ξάνθη, 1997
- Γ. Αβδελά και Θ. Σίμου: “Εισαγωγή στην Επιχειρησιακή Έρευνα”, Ξάνθη, 1998.
- Θ. Σίμου, “Εισαγωγή στην Αριθμητική Ανάλυση”, Ξάνθη, 1999.
- Γ. Αβδελά και Θ. Σίμου: “Αριθμητική Ανάλυση”, Εκδόσεις Συμεών, 2001.
- Γ. Αβδελά και Θ. Σίμου: “Αριθμητική Γραμμική Άλγεβρα”, Εκδόσεις Συμεών, 2001.
- Γ. Αβδελά και Θ. Σίμου: “Προγραμματισμός Ηλεκτρονικών Υπολογιστών”, Εκδόσεις Συμεών, 2001.
- Γ. Αβδελά και Θ. Σίμου: “Εισαγωγή στην Επιχειρησιακή Έρευνα”, Εκδόσεις Συμεών, 2001.
- Γ. Αβδελά και Θ. Σίμου: “Αριθμητική Ανάλυση”, Εκδόσεις Συμεών, 2004.
- Γ. Αβδελά και Θ. Σίμου: “Αριθμητική Γραμμική Άλγεβρα”, Εκδόσεις Συμεών, 2004.
- Γ. Αβδελά και Θ. Σίμου: “Ασκήσεις Αριθμητικής Ανάλυσης”, Εκδόσεις Συμεών, 2004.
- Γ. Αβδελά και Θ. Σίμου: “Ασκήσεις Αριθμητικής Γραμμικής Άλγεβρας”, Εκδόσεις Συμεών, 2004.

- Γ. Αβδελά και Θ. Σίμου: “Προγραμματισμός Ηλεκτρονικών Υπολογιστών”, Εκδόσεις ΤΣΟΤΡΑΣ ΑΝ ΑΘΑΝΑΣΙΟΣ, 2016.
- Γ. Αβδελά και Θ. Σίμου: “Εισαγωγή στην Επιχειρησιακή Έρευνα”, Εκδόσεις ΤΣΟΤΡΑΣ ΑΝ ΑΘΑΝΑΣΙΟΣ, 2016.
- Γ. Αβδελά και Θ. Σίμου: “Αριθμητική Ανάλυση”, Εκδόσεις ΤΣΟΤΡΑΣ ΑΝ ΑΘΑΝΑΣΙΟΣ, 2016.
- Γ. Αβδελά και Θ. Σίμου: “Αριθμητική Γραμμική Άλγεβρα”, Εκδόσεις ΤΣΟΤΡΑΣ ΑΝ ΑΘΑΝΑΣΙΟΣ, 2016.

Στο Παράρτημα του παρόντος Βιογραφικού παρατίθενται τα βιβλία με τον αντίστοιχο αριθμό στην ηλεκτρονική υπηρεσία «Εύδοξος»

ΠΑΝΕΠΙΣΤΗΜΙΑΚΕΣ ΠΑΡΑΔΟΣΕΙΣ, ΣΗΜΕΙΩΣΕΙΣ
ΕΡΓΑΣΤΗΡΙΩΝ ΚΑΙ ΦΡΟΝΤΗΣΤΗΡΙΩΝ

Σημειώσεις 7150 σελίδων για τους Φοιτητές της ΠΛΗ12 του Ελληνικού Ανοικτού Πανεπιστημίου του

ακαδημαϊκού έτους 2015-2016. Είναι στη διάθεση της Επιτροπής Αξιολόγησης.

ΕΚΠΑΙΔΕΥΤΙΚΗ ΔΡΑΣΤΗΡΙΟΤΗΤΑ

1. ΠΡΟΠΤΥΧΙΑΚΑ ΜΑΘΗΜΑΤΑ

1. 1986-1987 & 1987-1988: Διδασκαλία στο Ελληνικό Στατιστικό Ινστιτούτο (ΕΣΙ) των μαθημάτων “Υπολογιστική Στατιστική” και “Ασκήσεις στις Γλώσσες Προγραμματισμού”.
2. 1987-1991: Διδασκαλία τμήματος του μαθήματος “Αριθμητική Ανάλυση” και των ασκήσεων αυτού σε Τμήματα του Ε.Μ.Π. Επίσης κατά το χειμερινό εξάμηνο του ακαδημαϊκού έτους 1990-1991 δίδαξα τμήμα του μαθήματος “Προγραμματισμός Ηλεκτρονικών Υπολογιστών Ι” στο Τμήμα Αγρονόμων - Τοπογράφων Μηχανικών του Ε.Μ.Π.
3. Εαρινό εξάμηνο 1990-1991 έως Χειμερινό εξάμηνο 1992-1993: Αυτοδύναμη διδασκαλία των μαθημάτων: “Αριθμητική Ανάλυση και Προγραμματισμός Η/Υ” και “Αριθμητική Ανάλυση” στο Τμήμα Εγγείων Βελτιώσεων και Γεωργικής Μηχανικής του Γεωπονικού Πανεπιστημίου Αθηνών (Γ.Π.Α) με ανάθεση από την Γενική Συνέλευση του Γενικού Τμήματος του Γ.Π.Α.
4. Χειμερινό εξάμηνο 1994-1995 έως Εαρινό εξάμηνο 1995-1996: Διδασκαλία ή συνδιδασκαλία των μαθημάτων: “Προγραμματισμός Η/Υ”, “Αριθμητική Γραμμική Άλγεβρα” και “Αριθμητική Ανάλυση” σε φοιτητές του Πολυτεχνείου Κρήτης με ανάθεση από την Γενική Συνέλευση του Γενικού Τμήματος του Πολυτεχνείου Κρήτης.

5. (α) Χειμερινό εξάμηνο 1996-1997 έως Εαρινό εξάμηνο 2001-2002: Διδασκαλία ή συνδιδασκαλία των μαθημάτων: “Προγραμματισμός Η/Υ - FORTRAN”, “Επιχειρησιακή Έρευνα Ι”, “Προγραμματισμός Η/Υ”, “Επιχειρησιακή Έρευνα ΙΙ”, “Αριθμητική Ανάλυση”, “Εισαγωγή στην Πληροφορική - Γλώσσα FORTRAN”, “Προγραμματισμός Η/Υ - Διαχείριση Πληροφοριών”, “Επιχειρησιακή Έρευνα”, “Πληροφορική” στους φοιτητές του Τμήματος Πολιτικών Μηχανικών της Πολυτεχνικής Σχολής Δ.Π.Θ με ανάθεση από την Γενική Συνέλευση του Τμήματος.

(β) Χειμερινό εξάμηνο 1996-1997 έως Χειμερινό εξάμηνο 2001-2002: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” στους φοιτητές του Τμήματος Μηχανικών Περιβάλλοντος της Πολυτεχνικής Σχολής Δ.Π.Θ με ανάθεση από την Γενική Συνέλευση του Τμήματος.

Ακαδημαϊκό Έτος 2000-2001: Εκπαιδευτική Άδεια στο Πανεπιστήμιο Salamanca, Ισπανίας (Σχολή Θετικών Επιστημών, Τμήμα Εφαρμοσμένων Μαθηματικών). Τέλος εκπαιδευτικής άδειας: 31/3/2001.

6. (α) Χειμερινό Εξάμηνο 2002-2003: Συνδιδασκαλία του μαθήματος: “Γραμμική Άλγεβρα” στους φοιτητές των Τμημάτων Επιστήμης και Τεχνολογίας Υπολογιστών και Επιστήμης και Τεχνολογίας Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου. Συνδιδασκαλία του μαθήματος “Διακριτά Μαθηματικά” στους φοιτητές των Τμημάτων Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(β) Εαρινό Εξάμηνο 2002-2003: Συνδιδασκαλία του μαθήματος “Ανάλυση ΙΙ” στους φοιτητές των Τμημάτων Επιστήμης και Τεχνολογίας Υπολογιστών και Επιστήμης και Τεχνολογίας Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

(γ) Χειμερινό Εξάμηνο 2003-2004: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” και συνδιδασκαλία του μαθήματος “Γραμμική Άλγεβρα, Αναλυτική Γεωμετρία και Αριθμητική Γραμμική Άλγεβρα” στους φοιτητές των Τμημάτων Επιστήμης και Τεχνολογίας Υπολογιστών και Επιστήμης και Τεχνολογίας Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ ΘΕΟΔΩΡΟΥ Η. ΣΙΜΟΥ

(δ) Εαρινό Εξάμηνο 2003-2004: Συνδιδασκαλία του μαθήματος “Συνδυαστική Βελτιστοποίηση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(ε) Χειμερινό Εξάμηνο 2004-2005: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” και συνδιδασκαλία του μαθήματος “Γραμμική Άλγεβρα, Αναλυτική Γεωμετρία και Αριθμητική Γραμμική Άλγεβρα” στους φοιτητές των Τμημάτων Επιστήμης και Τεχνολογίας Υπολογιστών και Επιστήμης και Τεχνολογίας Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

(στ) Εαρινό Εξάμηνο 2004-2005: Διδασκαλία του μαθήματος “Συνδυαστική Βελτιστοποίηση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(ζ) Χειμερινό Εξάμηνο 2005-2006: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” και συνδιδασκαλία του μαθήματος “Γραμμική Άλγεβρα” στους φοιτητές των Τμημάτων Επιστήμης και Τεχνολογίας Υπολογιστών και Επιστήμης και Τεχνολογίας Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

(η) Εαρινό Εξάμηνο 2005-2006: Διδασκαλία του μαθήματος “Συνδυαστική Βελτιστοποίηση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(θ) Χειμερινό Εξάμηνο 2006-2007: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” στους φοιτητές των Τμημάτων Επιστήμης και Τεχνολογίας Υπολογιστών και Επιστήμης και Τεχνολογίας Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

(ι) Εαρινό Εξάμηνο 2006-2007: Διδασκαλία του μαθήματος “Συνδυαστική Βελτιστοποίηση” στους

φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(κ) Χειμερινό Εξάμηνο 2007-2008: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” στους φοιτητές των Τμημάτων Επιστήμης και Τεχνολογίας Υπολογιστών και Επιστήμης και Τεχνολογίας Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

(λ) Εαρινό Εξάμηνο 2007-2008: Διδασκαλία του μαθήματος “Συνδυαστική Βελτιστοποίηση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(μ) Χειμερινό Εξάμηνο 2008-2009: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” στους φοιτητές των Τμημάτων Επιστήμης και Τεχνολογίας Υπολογιστών και Επιστήμης και Τεχνολογίας Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

Εκπαιδευτική Άδεια Εσωτερικού. Περίοδος Εκπαιδευτικής Άδειας:

01/03/2009 – 28/02/2010.

(ν) Εαρινό Εξάμηνο 2009-2010: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(ξ) Χειμερινό Εξάμηνο 2010-2011: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

(ο) Εαρινό Εξάμηνο 2010-2011: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(π) Εαρινό Εξάμηνο 2010-2011: Διδασκαλία του μαθήματος “Συνδυαστική Βελτιστοποίηση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(ρ) Χειμερινό Εξάμηνο 2011-2012: Διδασκαλία του μαθήματος “Μαθηματικά Ι” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(σ) Εαρινό Εξάμηνο 2011-2012: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(τ) Εαρινό Εξάμηνο 2011-2012: Διδασκαλία του μαθήματος “Συνδυαστική Βελτιστοποίηση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(υ) Χειμερινό Εξάμηνο 2012-2013: Διδασκαλία του μαθήματος “Μαθηματική Ανάλυση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(φ) Χειμερινό Εξάμηνο 2012-2013: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(χ) Εαρινό Εξάμηνο 2012-2013: Διδασκαλία του μαθήματος “Συνδυαστική Βελτιστοποίηση” στους φοιτητές του Τμήματος Επιστήμης και Τεχνολογίας Υπολογιστών του Πανεπιστημίου Πελοποννήσου.

(ψ) Χειμερινό Εξάμηνο 2013-2014: Διδασκαλία του μαθήματος “Μαθηματικά Ι” στους φοιτητές του Τμήματος Πληροφορικής και Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

(ω) Εαρινό Εξάμηνο 2013-2014: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” στους φοιτητές του Τμήματος Πληροφορικής και Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

(ω1) Εαρινό Εξάμηνο 2013-2014: Διδασκαλία του μαθήματος “Συνδυαστική Βελτιστοποίηση” στους φοιτητές του Τμήματος Πληροφορικής και Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

(ω2) Χειμερινό Εξάμηνο 2014-2015: Διδασκαλία του μαθήματος “Μαθηματικά Ι” στους φοιτητές του Τμήματος Πληροφορικής και Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

(ω3) Εαρινό Εξάμηνο 2014-2015: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” στους φοιτητές του Τμήματος Πληροφορικής και Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

(ω4) Εαρινό Εξάμηνο 2014-2015: Διδασκαλία του μαθήματος “Συνδυαστική Βελτιστοποίηση” στους φοιτητές του Τμήματος Πληροφορικής και Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

(ω5) Χειμερινό Εξάμηνο 2015-2016: Διδασκαλία του μαθήματος “Μαθηματικά Ι” στους φοιτητές του Τμήματος Πληροφορικής και Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου.

Επιστημονική Άδεια Εσωτερικού. Περίοδος Εκπαιδευτικής Άδειας:

01/02/2016 – 31/01/2017.

(ω6) Εαρινό Εξάμηνο 2016-2017: Διδασκαλία του μαθήματος “Αριθμητική Ανάλυση” στους φοιτητές του Τμήματος Πληροφορικής και Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου. Από 06/02/2017 είμαι μερικής απασχόλησης Καθηγητής του Πανεπιστημίου Πελοποννήσου.

2. ΜΕΤΑΠΤΥΧΙΑΚΑ ΜΑΘΗΜΑΤΑ

Ακαδημαϊκό Έτος 1999-2000: Διδασκαλία του μεταπτυχιακού μαθήματος «Εφαρμοσμένα Μαθηματικά» στο μεταπτυχιακό Πρόγραμμα του Τομέα Υδραυλικής του Τμήματος Πολιτικών Μηχανικών της Πολυτεχνικής Σχολής του Δημοκριτείου Πανεπιστημίου Θράκης

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ ΘΕΟΔΩΡΟΥ Η. ΣΙΜΟΥ

Ακαδημαϊκό Έτος 2000-2001: Διδασκαλία των μεταπτυχιακών μαθημάτων:

- Προχωρημένος Προγραμματισμός Η/Υ και εφαρμογές του
- Μέθοδοι Βελτιστοποίησης

στο Προδιδακτορικό Πρόγραμμα του Τομέα Μαθηματικών του Τμήματος Πολιτικών Μηχανικών της Πολυτεχνικής Σχολής του Δημοκριτείου Πανεπιστημίου Θράκης

Ακαδημαϊκό Έτος 2001-2002: Διδασκαλία των μεταπτυχιακών μαθημάτων:

- Αριθμητική Ανάλυση Διαφορικών Εξισώσεων
- Προχωρημένος Προγραμματισμός Η/Υ και εφαρμογές του
- Μέθοδοι Βελτιστοποίησης
- Αριθμητική Γραμμική Άλγεβρα

στο Προδιδακτορικό Πρόγραμμα του Τομέα Μαθηματικών του Τμήματος Πολιτικών Μηχανικών της Πολυτεχνικής Σχολής του Δημοκριτείου Πανεπιστημίου Θράκης

- **Ακαδημαϊκό Έτος 2010-2011: Διδασκαλία στο Πρόγραμμα Μεταπτυχιακών Σπουδών στη Διοίκηση Επιχειρήσεων που διοργανώνουν με σύμπραξη το Τμήμα Διεθνούς Εμπορίου του ΑΤΕΙ Κοζάνης (Παράρτημα Καστοριάς) και το Κέντρο Ευρωπαϊκών Σπουδών του Ternopil National Economic University της Ουκρανίας.**

- **Ακαδημαϊκό Έτος 2011-2012: Διδασκαλία στο Πρόγραμμα Μεταπτυχιακών Σπουδών στη Διοίκηση Επιχειρήσεων που διοργανώνουν με σύμπραξη το Τμήμα Διεθνούς Εμπορίου του ΑΤΕΙ Κοζάνης (Παράρτημα Καστοριάς) και το Κέντρο Ευρωπαϊκών Σπουδών του Ternopil National Economic University της Ουκρανίας.**
- **Ακαδημαϊκό Έτος 2012-2013: Διδασκαλία στο Πρόγραμμα Μεταπτυχιακών Σπουδών στη Διοίκηση Επιχειρήσεων που διοργανώνουν με σύμπραξη το Τμήμα Διεθνούς Εμπορίου του ΑΤΕΙ Κοζάνης (Παράρτημα Καστοριάς) και το Κέντρο Ευρωπαϊκών Σπουδών του Ternopil National Economic University της Ουκρανίας.**
- **Ακαδημαϊκό Έτος 2013-2014: Διδασκαλία στο Πρόγραμμα Μεταπτυχιακών Σπουδών στη Διοίκηση Επιχειρήσεων που διοργανώνουν με σύμπραξη το Τμήμα Διεθνούς Εμπορίου του ΑΤΕΙ Κοζάνης (Παράρτημα Καστοριάς) και το Κέντρο Ευρωπαϊκών Σπουδών του Ternopil National Economic University της Ουκρανίας.**

ΜΕΛΟΣ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΕΝΩΣΕΩΝ

- Μέλος των AMS (American Mathematical Society)
- Μέλος ΤΕΕ (Τεχνικού Επιμελητηρίου Ελλάδος).
- Μέλος κατόπιν εκλογής του Institute of Physics. Membership Number: 575939. Λόγω της ιδιότητός μου αυτής έχω εξουσιοδότηση για χρήση των συντομιών “MInstP” and “CPhys”.
- Μέλος της New York Academy of Sciences με Membership ID#: 484963.
- Πρόεδρος της Ευρωπαϊκής Εταιρείας Υπολογιστικών Μεθόδων στην Επιστήμη και Τεχνολογία (ESCMSE). Ανανέωση της θητείας μου μετά τις αρχαιρεσίες της 29/11/2008

ΣΥΜΜΕΤΟΧΗ ΣΕ ΧΡΗΜΑΤΟΔΟΤΟΥΜΕΝΑ

ΕΡΕΥΝΗΤΙΚΑ ΠΡΟΓΡΑΜΜΑΤΑ

- Τίτλος ερευνητικού προγράμματος: ***Dynamically Adapted Methods for orbit computation***. Χρηματοδότης: Ισπανικό Υπουργείο Έρευνας και Τεχνολογίας CICYT. Project: BMF-2000-1115. Διάρκεια: Μέχρι 2001-2003. Επικεφαλής: Dr. Jesus Vigo-Aguiar.

- Τίτλος ερευνητικού προγράμματος: ***Dynamically Adapted Methods with applications***. Χρηματοδότης: Νομαρχία Castilla y León JCYL. Project: SA 66/01. Διάρκεια: Μέχρι 2001-2003. Επικεφαλής: Dr. Jesus Vigo-Aguiar.
- Συνεργασία σε ερευνητικά προγράμματα με την Αναπτυξιακή Ροδόπης Α.Ε.
- Τίτλος ερευνητικού προγράμματος: **Ανάπτυξη πακέτου λογισμικού για την αριθμητική επίλυση διαφορικών εξισώσεων και εφαρμογή σε πραγματικά προβλήματα**. Χρηματοδότης: Περιφέρεια Δυτικής Μακεδονίας (ΠΕΠ Δυτικής Μακεδονίας. Μέτρο 4.3: Ενσωμάτωση καινοτομίας και τεχνολογίας – ενίσχυση εφαρμοσμένης έρευνας. Κατηγορία Πράξεων 4.3.2: Ενίσχυση προγραμμάτων έρευνας και καινοτομίας από φορείς. Κωδικός Πράξης: 71239.
- Πρόγραμμα **ΠΡΑΞΕ** με κωδικό 02 ΠΡΑΞΕ 209. Επιστημονικός Υπεύθυνος: Καθηγητής του Πανεπιστημίου Πελοποννήσου ΘΕΟΔΩΡΟΣ ΣΙΜΟΣ. Τίτλος: **«Μη καταστρεπτική εκτίμηση φυσικών παραμέτρων με διηλεκτρική φασματοσκοπία»**. Περίοδος: 21/11/2003 - 26/05/2004.
- Τίτλος ερευνητικού προγράμματος: **"ΑΡΧΙΜΗΔΗΣ Ι-ΕΝΙΣΧΥΣΗ ΕΡΕΥΝΗΤΙΚΩΝ ΟΜΑΔΩΝ ΣΤΟ ΤΕΙ ΧΑΛΚΙΔΑΣ"** ως ερευνητής. Επιστημονικός Υπεύθυνος: Αναπληρωτής Καθηγητής κ. Χαράλαμπος Τσίτουρας, Αντιπρόεδρος ΤΕΙ Χαλκίδας. Έναρξη: 1^η Απριλίου 2004.
- Πρόγραμμα της Γενικής Γραμματείας Νέας Γενιάς με γενικό τίτλο: **«Πρόταση για Μελέτη του Εθελοντισμού στην Ελλάδα»**. Επιστημονικός Υπεύθυνος: ΘΕΟΔΩΡΟΣ ΣΙΜΟΣ. Περίοδος: 13/12/2004 - 31/05/2005.

• Επόπτης του Κέντρου Πιστοποίησης του Πανεπιστημίου Πελοποννήσου. Περίοδος: 11/01/2005 - 22/08/2008

- Εκπόνηση **Επιχειρησιακού Σχεδίου για τη Δημιουργία και Λειτουργία ΙΔΒΕ στο Πανεπιστήμιο Πελοποννήσου** του Επιχειρησιακού Προγράμματος ΕΠΕΑΕΚ (κωδικός έργου 0055) για το διάστημα 21/06/2006 - 30/11/2006
- Πρόγραμμα της Γενικής Γραμματείας Νέας Γενιάς με γενικό τίτλο: **«Μελέτη Εθελοντισμού στην Ελλάδα»**. Επιστημονικός Υπεύθυνος: ΘΕΟΔΩΡΟΣ ΣΙΜΟΣ. Περίοδος: 13/12/2004 - 31/05/2005

• Ενθάρρυνση Επιχειρηματικών Δράσεων, Καινοτόμων Εφαρμογών και Μαθημάτων Επιλογής Φοιτητών του Πανεπιστημίου Πελοποννήσου του Επιχειρησιακού Προγράμματος ΕΠΕΑΕΚII (κωδικός έργου 0043) για το διάστημα 20/09/2005 - 20/05/2007.

- Πρόγραμμα ΕΠΕΑΕΚ με τίτλο: **«Τμήμα Πληροφορικής και Τεχνολογίας Υπολογιστών»**. Μέτρο 2.2.3: Διεύρυνση Τριτοβάθμιας Εκπαίδευσης – 3^η Φάση. Επιστημονική Υπεύθυνος: Αναπληρώτρια Καθηγήτρια κ. Ζαχαρούλα Καλογιράτου. Έναρξη: 1^η Σεπτεμβρίου 2005.

• Πρόγραμμα ΠΕΝΕΔ 2003 με τίτλο: «Υπολογιστική Γεωμετρία με εφαρμογές σε συστήματα GIS και CAD. Επιστημονικός Υπεύθυνος: Καθηγητής του Πανεπιστημίου Πελοποννήσου ΘΕΟΔΩΡΟΣ ΣΙΜΟΣ. Διάρκεια: 1/12/2005 – 1/12/2008.

- Τίτλος ερευνητικού προγράμματος: "ΠΥΘΑΓΟΡΑΣ II - ΕΜΠ" ως ερευνητής. Επιστημονικός Υπεύθυνος: Καθηγητής κ. Κλεάνθης Νικολαΐδης.

- **Τίτλος ερευνητικού προγράμματος: "ΑΡΧΙΜΗΔΗΣ III" ως ερευνητής. Επιστημονικός Υπεύθυνος: Καθηγητής κ. Ζαχαρούλα Καλογιράτου, Καθηγήτρια ΑΤΕΙ Δυτικής Μακεδονίας. Διάρκεια: 01/03/2012 - 30/09/2015**

HIGHLY CITED RESEARCHER

Έχω επιλεγεί για τη περίοδο 2001-2013 σαν Highly Cited Researcher in Mathematics. Η σημαντικότερη διάκριση για επιστήμονες του αντικειμένου των Μαθηματικών. Σημειώνουμε ότι δεν υπάρχει άλλος Έλληνας Μαθηματικός σε Ελληνικά Πανεπιστήμια που να έχει χαρακτηριστεί Highly Cited Researcher in Mathematics.
<http://hcr.stateofinnovation.com/page/archives>

ΜΕΛΟΣ ΑΚΑΔΗΜΙΩΝ

- Τακτικό Μέλος της Ευρωπαϊκής Ακαδημίας Επιστημών και Τεχνών. Ημερομηνία Εκλογής 8/11/2002. Ημερομηνία Υποδοχής 8/3/2003.
- Τακτικό μέλος της Ευρωπαϊκής Ακαδημίας Επιστημών. Χρονολογία εγκαθίδρυσης: 12/2004.
- Αντεπιστέλλον μέλος της Ευρωπαϊκής Ακαδημίας Επιστημών, Τεχνών και Ανθρωπιστικών Σπουδών. Ημερομηνία εκλογής 30/10/2004.
- Μέλος του Συμβουλίου της Ευρωπαϊκής Ακαδημίας Επιστημών (Editor of the Annals of the Academy – Mathematics). Ανανεώθηκε η θητεία μετά από τις αρχαιρεσίες της ολομέλειας της Ακαδημίας. (2012-2015)
- Μέλος του της Επιστημονικής Επιτροπής (Τομέας Μαθηματικών) της Ευρωπαϊκής Ακαδημίας Επιστημών. (03/2015 - 03/2018)

ΥΠΕΥΘΥΝΟΣ ΕΚΔΟΣΗΣ ΣΕΙΡΑΣ ΒΙΒΛΙΩΝ

ΔΙΕΘΝΟΥΣ ΕΚΔΟΤΙΚΟΥ ΟΙΚΟΥ

Series Editor του διεθνούς εκδοτικού οίκου IMPERIAL COLLEGE PRESS Ο τίτλος της σειράς βιβλίων είναι: *“Computational, Numerical and Mathematical Methods in Sciences and Engineering”*.

Series Editor του διεθνούς εκδοτικού οίκου VSP/Brill Ο τίτλος της σειράς βιβλίων είναι: *“Lecture Series on Computer and Computational Sciences”* 2004 – 2006.

Editor της σειράς Συνεδρίων AIP (American Institute of Physics) Conference Proceedings.

**EDITOR-IN-CHIEF OF THE JOURNAL: APPLIED
MATHEMATICS AND COMPUTATION (ELSEVIER) – IMPACT
FACTOR: 1.349 – 5 YEAR IMPACT FACTOR: 1.454**

**Since 01-01-2014 I am Editor-in-Chief of the Journal:
Applied Mathematics and Computation (Elsevier Science)**

<http://www.journals.elsevier.com/applied-mathematics-and-computation/>

**ΥΠΕΥΘΥΝΟΣ ΕΚΔΟΣΗΣ ΔΙΕΘΝΩΝ ΕΠΙΣΤΗΜΟΝΙΚΩΝ
ΠΕΡΙΟΔΙΚΩΝ ΜΕ ΣΥΣΤΗΜΑ ΚΡΙΤΩΝ**

- Ιδρυτής και Υπεύθυνος Έκδοσης του διεθνούς επιστημονικού περιοδικού με σύστημα κριτών: *“Journal of Computational Methods in Sciences and Engineering (JCMSE)”* (IOS Press)
- Ιδρυτής και Υπεύθυνος Έκδοσης ενός νέου διεθνούς επιστημονικού περιοδικού με σύστημα κριτών με τίτλο *“Journal of Numerical Analysis, Industrial and Applied Mathematics (JNAIAM)”* (ESCMSE). URL: <http://www.jnaiam.org/> Σημειώνεται ότι το περιοδικό είναι ελεύθερο σε ηλεκτρονική μορφή στην διεθνή ακαδημαϊκή κοινότητα.

HONORARY ADVISORY BOARD

Προσεκλήθην ως μέλος του Honorary Advisory Board για το διεθνές επιστημονικό περιοδικό με σύστημα κριτών: International Journal of Mathematical Modelling and Numerical Optimization (Editor-in-Chief Prof. Dr. Xin-She Yang, Department of Engineering, University of Cambridge). Ως αιτιολογία εδόθη η εξής: «As you are an internationally famous expert and as the editor-in-chief of several international journals, your experience and advice are very important».

ΜΕΛΟΣ ΕΠΙΤΡΟΠΩΝ ΣΥΝΤΑΞΗΣ

ΔΙΕΘΝΩΝ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΠΕΡΙΟΔΙΚΩΝ

- Editor of the Journal of Mathematical Chemistry (Kluwer publications).
<http://www.springer.com/chemistry/physical+chemistry/journal/10910/PSE?detailsPage=editorialBoard>

- Editor of the Journal of Universal Computer Science (Springer-Verlag).

http://www.jucs.org/jucs_board_of_editors

- Editor of the Journal: Mediterranean Journal of Mathematics (MedJM) (Birkhäuser Verlag AG)

<http://www.springer.com/birkhauser/mathematics/journal/9?detailsPage=editorialBoard>

- Editor of the journal: Mathematical Methods in the Applied Sciences.

[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1099-1476/homepage/EditorialBoard.html](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1099-1476/homepage/EditorialBoard.html)

- Editor of the journal: Carpathian Journal of Mathematics

http://carpathian.ubm.ro/?m=editorial_board/

- Editor of the journal: Cogent Mathematics

<http://cogentoa.tandfonline.com/page/aboutJournal?journalCode=oama20>

- Editorial Advisory Board of the journal Waves Wavelets and Fractals - Advanced Analysis (De Gruyter) <http://www.degruyter.com/view/j/wwfaa>

- Editor of the journal: Journal of Applied Mathematics (Hindawi Publishing Corporation)
<http://www.hindawi.com/journals/jam/editors/>

- Editor of the journal: International Journal of Mathematics and Mathematical Sciences (Hindawi Publishing Corporation)
<http://www.hindawi.com/journals/ijmms/editors/>

- Editor of the journal: Advances in Numerical Analysis (Hindawi Publishing Corporation)
<http://www.hindawi.com/journals/ana/editors/>

- Editor of the journal: International Journal of Computing Science and Mathematics (IJCSM).

<http://www.inderscience.com/jhome.php?jcode=ijcs#edboard>

- Editor of the journal: Mathematical Sciences and Applications E Notes (MSA APPLMATH).

<http://www.mathenot.com/>

- Editor of the journal: Mathematical & Computational Applications

http://mcajournal.cbu.edu.tr/index.php?option=com_content&view=article&id=39&Itemid=34

- Editor of the Journal: Open Computer Science

<http://www.degruyter.com/view/j/comp>

- **Editor of the Journal: Applied Mathematics & Information Sciences (Natural Sciences Publishing Corporation)**

<http://www.naturalspublishing.com/show.asp?JorID=1&pgid=0>

- **Sohag Journal of Mathematics, An International Journal**

<http://www.naturalspublishing.com/show.asp?JorID=36&pgid=153>

- **Editor of the Journal: Communications in Mathematical and in Computer Chemistry (MATCH).**
<http://match.pmf.kg.ac.rs/> (June 2016 -)

- **Editor of the Journal: Applied and Computational Mathematics (Ministry of Communications and Information Technology (Azerbaijan), Azerbaijan National Academy of Sciences and Institute of Applied Mathematics of Baku State University).**
<http://www.acmij.az/>

- **Editor** of the Journal of Mathematical Modelling and Algorithms (Kluwer publications). <http://www.kluweronline.com/issn/1570-1166>
- **Associate Editor** of the Journal: International Journal of Applied Mathematics.
- **Associate Editor** of the Journal Computers in Physics (American Institute of Physics).
- **Associate Editor** of the Journal of Statistics and Management Systems (Academic Forum) (1998-2004).

- **Editor** of the Journal: Communications in Mathematical and in Computer Chemistry (MATCH). <http://ns.pmf.kg.ac.yu/match/> (1999-2006)
- **Editor** of the journal: Molecular Simulation (Taylor & Francis). <http://www.tandfonline.com/action/journalInformation?show=editorialBoard&journalCode=gmos20#.Vmmf9riLSUk> (2007-2016)
- **Editor** of the journal: SpringerPlus
<http://www.springerplus.com/about/edboard> (2014-2016)
-
- **Associate Editor** of the International Journal of Modelling and Simulation (ACTA Press).
- **Editorial Advisory Board** of the Journal of Chemical Information and Computer Sciences (American Chemical Society) – Period: 1998-2003.
<http://pubs.acs.org/journals/jcisid8/index.html>
- **Editorial Advisory Board** for Scientific Journals International (Mathematics), Period: 2007 –
- **Editor** of The Journal of Supercomputing (Kluwer publications).
<http://www.kluweronline.com/issn/0920-8542>. (1998-end of 2003)
- **Editor** of the Journal: International Journal of Quantum Chemistry (Wiley & Sons)
<http://www3.interscience.wiley.com/cgi-bin/jhome/29830> (1998-2009)
- **Editor** of the Communications in Nonlinear Sciences and Numerical Simulation (Elsevier Science Publishers B.V).
<http://www.elsevier.nl/inca/publications/store/6/2/2/7/2/4/> (1998-end of 2003)
- **Editor** of the Journal: Mathematical and Computer Modelling (Elsevier Science Publishers B.V)
<http://www.elsevier.nl/inca/publications/store/6/2/3/>
- **Regional Editor**, Journal of Computer Science, Science Publishers
http://www.scipub.org/scipub/eboard.php?j_id=ics
- **Editorial Advisory Board**, The Open Chemical Physics Journal, Bentham Open, Bentham Science Publishers.
<http://www.bentham.org/open/tocpi/>

ΜΕΛΟΣ ΕΠΙΤΡΟΠΩΝ ΣΥΝΤΑΞΗΣ

ΔΙΕΘΝΩΝ ΣΥΝΕΔΡΙΩΝ

- **Editor** ενός session στο “IMACS’94”.
- **Associate Co-Editor (με τον Καθηγητή κ. Γ. Αβδελά)** στο “*International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA’99)*”.
- **Member of the International Program Committee (IPC)** του Διεθνούς Συνεδρίου: “*Numerical Analysis and Applications (NAA’2000)*”, Rousse, Boulgaria, 11-15 June 2000.
- **Member of Program Committee** του “*Fourth International Conference on Parallel Processing and Applied Mathematics (PPAM’2001)*”, Poland, 9-12 September 2001.
- **Member of Program Committee** του «*4th Workshop on High Performance Scientific and Engineering Computing with Applications (HPSECA-02)*» August 18-21 (Sunday-Wednesday), 2002.
- **Chairman of Computational Mathematics**, του συνεδρίου “*Computational and Mathematical Methods in Sciences and Engineering 2002 (CMMSE 2002)*”, Alicante, Spain, 20-25 September 2002.
- **Scientific Advisory Board** του “*Second M.I.T. Conference on Computational Fluid and Solid Mechanics*”, M.I.T., June 17 - 20, 2003.

- **Member of Program Committee** του *“Fifth International Conference on Parallel Processing and Applied Mathematics (PPAM'2003)”*, Poland, 7-10 September 2003.
- **Member of the Technical Committee** του *“1st Workshop on Hardware/Software Support for Parallel and Distributed Scientific and Engineering Computing (SPDSEC-02)”*, Charlottesville, Virginia, September 22-25, 2002, in conjunction with, The 11th International Conference on Parallel Architectures and Compilation Techniques.
- **Member of the Technical Committee** του *“4th Workshop on Parallel and Distributed Scientific and Engineering Computing with Applications (PDSECA-03)”*, Nice Acropolis Convention Center, Nice, France, in conjunction with, The 17th International Parallel and Distributed Processing Symposium (IPDPS-2003).
- **Member of the Technical Committee** του *“5th Workshop on High Performance Scientific and Engineering Computing with Applications (HPSECA-03)”*, Kaohsiung, Taiwan, ROC, October 6-9 (Monday-Thursday), 2003.
- **Member of the Technical Committee** του *“2nd Workshop on Hardware/Software Support for High Performance Scientific and Engineering Computing (SHPSEC-03)”*, New Orleans, Louisiana, Sep. 27-- Oct. 1, 2003.
- **Invited Chair** of the *International Conference of Computational Methods in Sciences and Engineering 2003 (ICCMSE 2003)*, Kastoria, Greece, 12-16 September 2003 <http://www.uop.gr/~iccmse/>
- **Vice Chair** of the *International Conference on NUMERICAL ANALYSIS & COMPUTATIONAL MATHEMATICS (NACoM-2003)*, Cambridge, UK, 23-26 May, 2003 <http://www.apu.ac.uk/appsci/math/NACoM-2003/>

- **Chair** of the *International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS (ICNAAM 2004)*, Chalkkis, Greece, 10-14 September 2004. <http://www.uop.gr/~icnaam/>
- **Chair** of the *International Conference of Computational Methods in Sciences and Engineering 2004 (ICCMSE 2004)*, Hotel Armonia, Vouliagmeni-Kavouri, Greece, 19-23 November 2004 <http://www.uop.gr/~iccmse/>
- **Chair** of the *International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS (ICNAAM 2005)*, Hotel Esperides, Rhodes, 16-20 September 2005. <http://www.uop.gr/~icnaam/>
- **Chair** of the *International Conference of Computational Methods in Sciences and Engineering 2005 (ICCMSE 2005)*, Hotel Poseidon, Loutraki, Greece, 21-26 October 2005. <http://www.uop.gr/~iccmse/>
- **Chair** of the *International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS 2006 (ICNAAM 2006)*, Hotel Belvedere, Hersonissos, Crete, Greece, 15-19 September 2006. <http://www.icnaam.org/>
- **Chair** of the *International Conference of Computational Methods in Sciences and Engineering 2006 (ICCMSE 2006)*, Hotel Panorama, Chania, Crete, Greece, 27 October – 1 November 2006 <http://www.iccmse.org/>

- **Program Committee of the workshop *the Computer Aspects of Numerical Algorithms workshop (CANA'08)* within the framework of the *International Multiconference on Computer Science and***

Information Technology. The conference will be held in Wisła, Poland, October 20-22, 2008.

- Chair of the ***International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS 2007 (ICNAAM 2007)***, Hotel Marbella, Corfu, Greece, 16-20 September 2007. <http://www.icnaam.org/>
- Chair of the ***International Conference of Computational Methods in Sciences and Engineering 2007 (ICCMSE 2007)***, Hotel Marbella, Corfu, Greece, 25-30 September 2007 <http://www.iccmse.org/>
- Chair of the ***International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS 2008 (ICNAAM 2008)***, Hotel Kypriotis, Kos, Greece, 16-20 September 2008. <http://www.icnaam.org/>
- Chair of the ***International Conference of Computational Methods in Sciences and Engineering 2008 (ICCMSE 2008)***, Hotel Belvedere, Hersonissos,

Crete, Greece, 25–30 September 2008

<http://www.iccmse.org/>

- Chair of the *International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS 2009 (ICNAAM 2009)*, Hotel Perle-Resort, Chania, Greece, 18–22 September 2009.

<http://www.icnaam.org/>

- Chair of the *International Conference of Computational Methods in Sciences and Engineering 2009 (ICCMSE 2009)*, Hotel Rodos Palace, Rhodes, Greece, 29 September – 03 October 2009

<http://www.iccmse.org/>

- Chair of the *International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS 2010 (ICNAAM 2010)*, Hotel Rodos Palace, Rhodes, Greece, 19 – 25 September 2010.

<http://www.icnaam.org/>

- Chair of the *International Conference of Computational Methods in Sciences and Engineering 2010 (ICCMSE 2010)*, Hotel Kypriotis, Kos, Greece,, 03 – 08 October 2010 <http://www.iccmse.org/>

- Chair of the *International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS 2011 (ICNAAM 2011)*, G-Hotels, Halkidiki, Greece, 19 – 25 September 2011. <http://www.icnaam.org/>

- Chair of the *International Conference of Computational Methods in Sciences and Engineering 2011 (ICCMSE 2011)*, G-Hotels, Halkidiki, Greece, 02 – 07 October 2011 <http://www.iccmse.org/>

- Program Committee INFOCOMP 2012, The Second International Conference on Advanced Communications and Computation, October 21-26, 2012 - Venice, Italy, under DataSys 2012 umbrella

- **International Program Committee, 3rd International Conference on Computer Modelling and Simulation Brno, Czech Republic, September 2012**

- **Chair of the International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS 2012 (ICNAAM 2012), Kypriotis Hotels, Kos, Greece, 19 – 25 September 2012. <http://www.icnaam.org/>**

- **Chair of the *International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS 2013 (ICNAAM 2013)*, Hotel Rodos Palace, Rhodes, Greece, 21 – 27 September 2013. <http://www.icnaam.org/>**

- **Program Committee INFOCOMP 2013, The Third International Conference on Advanced Communications and Computation, INFOCOMP 2013, November 17 - 22, 2013 - Lisbon, Portugal**

- **Program Committee INFOCOMP 2014, The Fourth International Conference on Advanced**

Communications and Computation, INFOCOMP
2014, July 20 - 24, 2014 - Paris, France

- Chair of the *International Conference of Computational Methods in Sciences and Engineering 2014 (ICCMSE 2014)*, Hotel Metropolitan, Athens, Greece, 04 – 07 April 2014 <http://www.iccmse.org/>

- Chair of the *International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS 2013 (ICNAAM 2013)*, Hotel Rodos Palace, Rhodes, Greece, 21 – 27 September 2013. <http://www.icnaam.org/>

- Chair of the *International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS 2014 (ICNAAM 2014)*, Hotel Rodos Palace, Rhodes, Greece, 22 – 28 September 2014. <http://www.icnaam.org/>

- Chair of the *International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS 2015 (ICNAAM*

2015), Hotel Rodos Palace, Rhodes, Greece, 23 – 29 September 2015. <http://www.icnaam.org/>

- Chair of the *International Conference of NUMERICAL ANALYSIS & APPLIED MATHEMATICS 2016 (ICNAAM 2016)*, Hotel Rodos Palace, Rhodes, Greece, 19 – 25 September 2016. <http://www.icnaam.org/>

- Chair of the *International Conference of Computational Methods in Sciences and Engineering 2015 (ICCMSE 2015)*, Hotel Metropolitan, Athens, Greece, 20 – 23 March 2015 <http://www.iccmse.org/>

- Chair of the *International Conference of Computational Methods in Sciences and Engineering 2015 (ICCMSE 2016)*, Hotel Metropolitan, Athens, Greece, 17 – 20 March 2016 <http://www.iccmse.org/>

- Program Committee INFOCOMP 2015, The Fifth International Conference on Advanced

**Communications and Computation, INFOCOMP
2015, June 21 - 26, 2015 - Brussels, Belgium**

- **Program Committee INFOCOMP 2016, The Sixth International Conference on Advanced Communications and Computation, INFOCOMP 2016, May 22 - 26, 2016 - Valencia, Spain**

ΙΔΡΥΤΗΣ ΣΥΝΕΔΡΙΩΝ

- Ιδρυτής της σειράς Συνεδρίων *“International Conference of Computational Methods in Sciences and Engineering (ICCMSE)”*. Η σειρά αυτή λειτούργησε για πρώτη φορά το 2003 στην Καστοριά (ICCMSE 2003). Το συνέδριο αυτό αναγνωρίσθηκε από την American Physical Society και από την American Chemical Society.
- Ιδρυτής της σειράς Συνεδρίων *“International Conference of Numerical Analysis and Applied Mathematics (ICNAAM)”*. Η σειρά αυτή λειτούργησε για πρώτη φορά το 2004 στην Χαλκίδα (ICNAAM 2004). Το συνέδριο αυτό είναι το επίσημο συνέδριο της European Society of Computational Methods in Sciences and Engineering.
- Ιδρυτής της σειράς Συνεδρίων *“International e-Conference of Computer Science (IeCCS)”*. Η σειρά αυτή λειτούργησε για πρώτη φορά το 2005.

ΠΡΟΣΚΕΚΛΗΜΕΝΟΣ ΥΠΕΥΘΥΝΟΣ ΕΚΔΟΣΗΣ ΓΙΑ ΤΗΝ
ΕΚΔΟΣΗ MILLENNIUM ISSUES
ΔΙΕΘΝΩΝ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΠΕΡΙΟΔΙΚΩΝ
ΜΕ ΣΥΣΤΗΜΑ ΚΡΙΤΩΝ

- **Guest Editor** για την έκδοση Millennium Issue (με θέμα «*Numerical Methods in Chemistry*») του περιοδικού: *Computers & Chemistry (Pergamon Press - Elsevier Science Publishers)*.
- **Guest Editor** για την έκδοση Millennium Issue (με θέμα «*Numerical Methods in Physics*») του περιοδικού: *International Journal of Modern Physics C (World Scientific Publishing)*.

ΠΡΟΣΚΕΚΛΗΜΕΝΟΣ ΥΠΕΥΘΥΝΟΣ ΕΚΔΟΣΗΣ
ΓΙΑ ΤΗΝ ΕΚΔΟΣΗ ΕΙΔΙΚΩΝ ΤΕΥΧΩΝ (SPECIAL ISSUES)
ΔΙΕΘΝΩΝ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΠΕΡΙΟΔΙΚΩΝ

- **Guest Editor** (με **Guest Co-Editors** τους Καθηγητές Γ. Αβδελά και Jesus Vigo-Aguiar) για την έκδοση του Special Issue (με θέμα «*Numerical Methods in Physics, Chemistry and Engineering*») του περιοδικού: *Computers & Mathematics with Applications (Pergamon Press - Elsevier Science Publishers)*.
Volume 45, Numbers 1-3, January-February 2003.

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ ΘΕΟΔΩΡΟΥ Η. ΣΙΜΟΥ

- **Guest Co-Editor (με Guest Co-Editor τον Καθηγητή Ian Gladwell)** για την έκδοση του Special Issue (με θέμα “Numerical Methods for ODE’s”) του διεθνούς επιστημονικού περιοδικού με σύστημα κριτών: ***Mathematical and Computer Modelling (Pergamon Press - Elsevier Science Publishers)***
- **Guest Editor (με Guest Co-Editor τον Καθηγητή Jesus Vigo-Aguiar)** για την έκδοση του Special Issue (με θέμα «*Selected Εργασίας from the Conference on Computational and Mathematical Methods for Science and Engineering 2002, Alicante University, Spain, 20-25 September 2002*») του περιοδικού: ***Journal of Computational and Applied Mathematics (Elsevier Science Publishers)***. Volume 158, Number 1, September 2003.
- **Guest Editor** για την έκδοση του Special Issue (με θέμα «*Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2003 (ICCMSE 2003), Kastoria, 12-16 September 2003*») του περιοδικού: ***Journal of Computational and Applied Mathematics (Elsevier Science Publishers)***.
- **Guest Editor** για την έκδοση του Special Issue (με θέμα «*Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2003 (ICCMSE 2003), Kastoria, 12-16 September 2003*») του περιοδικού: ***Computational Materials Science (Elsevier Science Publishers)***.
- **Guest Editor** για την έκδοση του Special Issue (με θέμα «*Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2003 (ICCMSE 2003), Kastoria, 12-16 September 2003*») του περιοδικού: ***Journal of Mathematical Chemistry (Kluwer Publications)***.
- **Guest Editor** για την έκδοση του Special Issue (με θέμα «*Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences*

and Engineering 2003 (ICCMSE 2003), Kastoria, 12-16 September 2003») του περιοδικού: **Mathematical and Computer Modelling (Elsevier Science Publishers).**

- **Guest Editor** για την έκδοση του Special Issue (με θέμα «*Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2003 (ICCMSE 2003), Kastoria, 12-16 September 2003*») του περιοδικού: **The Journal of Supercomputing (Kluwer Publications).**
- **Guest Editor** για την έκδοση του Special Issue (με θέμα «*Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2003 (ICCMSE 2003), Kastoria, 12-16 September 2003*») του περιοδικού: **MATCH - Communications in Mathematical and in Computer Chemistry.**
- **Guest Editor** για την έκδοση του Special Issue (με θέμα: «*Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2004 (ICCMSE 2004), Hotel Armonia, Vouliagmeni, Athens, 19-23 November 2004*») of the: **Journal of Computational and Applied Mathematics (Elsevier Science Publishers).**
- **Guest Editor** για την έκδοση του Special Issue (entitled «*Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2004 (ICCMSE 2004), Hotel Armonia, Vouliagmeni, Athens, 19-23 November 2004*») of the: **Applied Mathematics and Computation (Elsevier Science Publishers).**
- **Guest Editor** για την έκδοση του Special Issue (entitled «*Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2004 (ICCMSE 2004), Hotel Armonia, Vouliagmeni, Athens, 19-*

23 November 2004») of the: **Journal of Mathematical Chemistry (Kluwer Publications)**.

- **Guest Editor** για την έκδοση του Special Issue (entitled «*Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2004 (ICCMSE 2004), Hotel Armonia, Vouliagmeni, Athens, 19-23 November 2004*») of the: **Mathematical and Computer Modelling (Elsevier Science Publishers)**.
- **Guest Editor** για την έκδοση του Special Issue (entitled «*Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2004 (ICCMSE 2004), Hotel Armonia, Vouliagmeni, Athens, 19-23 November 2004*») of the: **Molecular Simulation (Taylor & Francis)**.
- **Guest Editor** για την έκδοση του Special Issue (με θέμα: «*Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2005 (ICCMSE 2005), Hotel Poseidon, Loutraki, Korinthos, 26 October – 1 November 2005*») of the: **Journal of Computational and Applied Mathematics (Elsevier Science Publishers)**.
- **Guest Editor** για την έκδοση του Special Issue (entitled « *Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2005 (ICCMSE 2005), Hotel Poseidon, Loutraki, Korinthos, 26 October – 1 November 2005*») of the: **Applied Mathematics and Computation (Elsevier Science Publishers)**.
- **Guest Editor** για την έκδοση του Special Issue (entitled « *Selected Εργασίας from the Conference: International Conference of Computational Methods in Sciences and Engineering 2005 (ICCMSE 2005), Hotel Poseidon, Loutraki, Korinthos, 26 October – 1 November 2005*») of the: **Journal of Mathematical Chemistry (Kluwer Publications)**.

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- Guest Editor για την έκδοση του Special Issue (entitled «Numerical Methods in Chemistry») of the: ***MATCH Commun. Math. Comput. Chem. (University of Kragujevac)***.

• **Guest Editor για την έκδοση Special Issue για το συνέδριο του ICNAAM 2012 του περιοδικού: *Applied Mathematics and Information Sciences (Indexed in SCI)***.

• **Guest Editor για την έκδοση Special Issue για το συνέδριο του ICNAAM 2013 του περιοδικού: *Applied Mathematics and Information Sciences (Indexed in SCI)***.

ΛΟΙΠΗ ΕΠΙΣΤΗΜΟΝΙΚΗ ΔΡΑΣΤΗΡΙΟΤΗΤΑ

1. Author or co-author of 517 original research papers in English, all of which have already appeared in international refereed journals or Conferences (see Research Works sections B, C, D). Co-author of 7 internal refereed technical reports. Co-author of 1 internal technical report. 1 Dissertation. 3 Review Papers and 7 chapters in research books. More specifically:

2. Συγγραφέας 516 ερευνητικών εργασιών στα Αγγλικά και 1 στα Ελληνικά, εκ των οποίων:

- οι 394 έχουν δημοσιευθεί σε έγκριτα διεθνή επιστημονικά περιοδικά με σύστημα κριτών.
- 8 είναι technical reports εκ των οποίων τα 7 εκρίθησαν από εσωτερικές επιτροπές κρίσης των Πανεπιστημίων London Guildhall University και UMIST,
- 123 είναι δημοσιευμένες σε πρακτικά συνεδρίων
- 1 είναι κρίση βιβλίου και
- 11 είναι εργασίες επισκόπησης.

- **1 εργασία σε ειδικό τόμο της Ευρωπαϊκής Ακαδημίας Επιστημών Επιστημών (τον οποίον επιμελήθηκα)**

3. Συμμετοχή σε Διεθνή Συνέδρια.

4. Προσκεκλημένος editor ή ομιλητής σε Colloquia, workshops, sessions of International Conferences etc. Προσκεκλημένος ομιλητής στο International Colloquium on Numerical Analysis και στο International Colloquium on Differential Equations επί σειρά ετών. Προσκεκλημένος ομιλητής σε Workshop που οργανώθηκε στο Gent, Βέλγιο, από 29-11-2001 έως και 30-11-2001, για 1 ώρα ομιλίας σε θέματα εκθετικά προσαρμοσμένων μεθόδων.

5. Referee για τα περιοδικά:

- a. **Journal of Computational Physics,**
- b. **Computer Physics Communications,**
- c. **Journal of Computational and Applied Mathematics,**
- d. **Journal of Physics A: Mathematical and General,**
- e. **Journal of Physics B: Atomic, Molecular & Optical Physics**
- f. **International Journal of Modern Physics C: Physics and Computers,**
- g. **Computers & Mathematics with Applications,**
- h. **Computers & Chemistry,**

- i. **Chemical Communications (on Numerical and mathematical methods)**
- j. **The Computer Journal,**
- k. **Proceedings of the Royal Society, Series A: Mathematical, Physical and Engineering Sciences**
- l. **International Journal for Numerical Methods in Fluids**
- m. **Physics Letters A**
- n. **Physical Chemistry Chemical Physics**
- o. **Polymer**
- p. **Nonlinear Analysis Series A: Theory, Methods & Applications**
- q. **Zentralblatt fur Mathematik/Mathematics Abstracts,**
- r. **Mathematical Review.**
- s. **ACM Computing Reviews**
- t. **ACM Transactions on Mathematical Software (ACM TOMS)**
- u. **Journal of Chemical & Engineering Data (American Chemical Society)**
- v. **Acta Applicanda Mathematicae**

- w. **EPL (former Europhysics Letters)**
- x. **BIT Numerical Mathematics**
- y. **Applied Numerical Mathematics**
- z. **Electrochimica Acta**
- aa. **Applied Mathematical Modelling**
- bb. **International Journal for Numerical Methods in Biomedical Engineering**
- cc. **Journal of Chemical Physics**
- dd. **International Journal of Differential Equations**
- ee. **Engineering Computations**
- ff. **Communications in Computational Physics (CiCP)**
- gg. **Abstract and Applied Analysis**
- hh. **Applied Mathematics Letters**
- ii. **Physica Scripta**
- jj. **Fixed Point Theory and Applications**
- kk. **Boundary Value Problems**
- ll. **Mathematical Problems in Engineering**
- mm. **Discrete Dynamics in Nature and Society**
- nn. **Journal of Discrete Mathematics**
- oo. **Journal of Engineering**

pp.	Zeitschrift für Angewandte Mathematik und Mechanik (ZAMM)
qq.	Computational and Mathematical Methods in Medicine
rr.	Advances in Operations Research
ss.	International Journal of Biomathematics
tt.	Journal of Engineering
uu.	Italian Journal of Pure and Applied Mathematics
vv.	International Journal of Engineering Mathematics
ww.	Journal of Supercomputing
xx.	Journal of Function Spaces
yy.	Journal of Probability and Statistics
zz.	Communications in Nonlinear Sciences and Numerical Simulation
aaa.	Advances in Fuzzy Systems
bbb.	Journal of Thermal Science and Engineering Applications

6. Μέλος της Επιτροπής Κρίσεως του Κέντρου Φυσικών Επιστημών (Center of Physical Sciences) του Δικτύου Υποστήριξης Διδασκαλίας και Μάθησης (Learning & Teaching Support Network) της Μεγάλης Βρετανίας.
7. Κριτής Ερευνητικών Προτάσεων του Μη Κερδοσκοπικού Ερευνητικού Οργανισμού της Μεγάλης Βρετανίας "The Leverhulme Trust".
8. Κριτής Προγραμμάτων χρηματοδοτούμενων από την Ευρωπαϊκή Ένωση (INTAS, NEST κ.λ.π.).

9. Ερευνητική συνεργασία με ερευνητές της Ελλάδας και του εξωτερικού. Μεταξύ άλλων αναφέρω τις ακόλουθες συνεργασίες:
- a. Συνεργασία με δύο ομάδες επιστημόνων στην Αγγλία. Η μία ομάδα ευρίσκεται στο London Guildhall University. Επικεφαλείς της ομάδας αυτής είναι οι: Professor Ulf Ehrenmark, και Dr. Pete Williams, Senior Lecturer. Η δεύτερη ομάδα ευρίσκεται στο UMIST και επικεφαλής της ομάδας είναι η Dr. R.M. Thomas, Senior Lecturer.
 - b. Συνεργασία με επιστημονικές ομάδες στην Ισπανία. Επικεφαλείς των συγκεκριμένων ομάδων είναι οι Καθηγητές: Professor Jesus Vigo-Aguiar, Professor M. Ferrandiz, Professor M. Calvo και Professor L. Quintales.
 - c. Συνεργασία με επιστημονική ομάδα στις ΗΠΑ. Επικεφαλής της ομάδας είναι ο Associate Professor Dr. Bruce A. Wade, Department of Mathematical Sciences Director of Center for Industrial Mathematics, University of Wisconsin—Milwaukee.
 - d. Συνεργασία με το Karolinska Institute της Σουηδίας με την ομάδα του Καθηγητή Dzevad Belkic και άλλες ομάδες.
 - e. Συνεργασία με ερευνητικές ομάδες του Τμήματος Εφαρμοσμένων Μαθηματικών του Πανεπιστημίου Gent του Βελγίου με επικεφαλείς τους Καθηγητές Professor Guido Vanden Berghe και Professor Liviu Ixaru.
 - f. Συνεργασία με ερευνητικές ομάδες του Graduate School του Πανεπιστημίου της Uppsala με επικεφαλής τον Professor Erkki Brändas.
 - g. Συνεργασία με ερευνητικές ομάδες σε Πανεπιστήμια της Σαουδικής Αραβίας
10. Ταυτόχρονα υπάρχουν προτάσεις για συνεργασία και από άλλες ομάδες σε Ευρώπη και Βόρεια Αμερική.
11. Επιβλέπων Καθηγητής και Μέλος της Τριμελούς Συμβουλευτικής Επιτροπής Υποψηφίων Διδασκόντων
12. Μέλος επταμελών επιτροπών εξέτασης Διδακτορικών Διατριβών.

ΠΕΡΑΤΩΘΕΙΣΕΣ ΔΙΠΛΩΜΑΤΙΚΕΣ ΕΡΓΑΣΙΕΣ ΣΤΑ ΠΛΑΙΣΙΑ
ΠΡΟΓΡΑΜΜΑΤΩΝ ΜΕΤΑΠΤΥΧΙΑΚΩΝ ΣΠΟΥΔΩΝ
ΥΠΟ ΤΗΝ ΕΠΙΒΛΕΨΗ ΜΟΥ

- Υπό την επίβλεψή μου περαιώθηκε η διπλωματική εργασία του κ. Παναγιώτη Στασινού για το Μεταπτυχιακό Πρόγραμμα "Επιστήμης των Υπολογιστών" του Τμήματος Πληροφορικής και Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου

Sabbatical υπό την επίβλεψή μου

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ΠΕΡΑΤΩΘΕΙΣΕΣ ΔΙΔΑΚΤΟΡΙΚΕΣ ΔΙΑΤΡΙΒΕΣ
ΥΠΟ ΤΗΝ ΕΠΙΒΛΕΨΗ ΜΟΥ

- Αυρηλία Κονγκέτσωφ (Λεκτορας, Τομέας Μαθηματικών, Προγραμματισμού και Γενικών Μαθημάτων, Τμήμα Πολιτικών Μηχανικών, Πολυτεχνική Σχολή, Δημοκρίτειο Πανεπιστήμιο Θράκης)
- Ζαχαρίας Αναστάση (Tenured Assistant Professor, Department of Mathematics, Statistics and Physics, College of Arts and Sciences, University of Qatar)
- Θεόδωρος Μονοβασίλης (Καθηγητής πρώτης βαθμίδας στο ΑΤΕΙ Κοζάνης – Advisory Editor of the Journal: Mathematical Methods in the Applied Sciences (Wiley))
- Δαμιανός Σακάς (ΕΕΔΙΠ Πανεπιστημίου Πελοποννήσου)
- Κ. Τσέλιος (Δευτεροβάθμια Εκπαίδευση)
- Γ. Πανόπουλος (Δευτεροβάθμια Εκπαίδευση - Συνεργαζόμενος Ερευνητής).
- Δ. Παπαδόπουλος (Συμβασιούχος στο ΑΤΕΙ Πατρών)
- Α. Κωστή (Ερευνήτρια, University of Qatar)

ΕΚΠΟΝΟΥΜΕΝΕΣ ΔΙΔΑΚΤΟΡΙΚΕΣ ΔΙΑΤΡΙΒΕΣ

ΥΠΟ ΤΗΝ ΕΠΙΒΛΕΨΗ ΜΟΥ

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ΚΑΤΑΛΟΓΟΣ ΕΡΕΥΝΗΤΙΚΩΝ ΕΡΓΑΣΙΩΝ

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E. BOOK CHAPTERS

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ΕΤΕΡΟ - ΑΝΑΦΟΡΕΣ ΣΤΟ ΕΡΓΟ ΜΟΥ

(Με bold και μεγάλους χαρακτήρες οι νέες ετεροαναφορές)

Ετεροαναφορές:

Σύνολο Ετεροαναφορών: 3627

Διαφορά από την αίτηση του 2014-2015: 812 ετεροαναφορές περισσότερες

Πιο αναλυτικά:

2469 στις εργασίες μου - Διαφορά από αίτηση του 2014: 499 επιπλέον ετεροαναφορές

και 1158 σε Editorials - Διαφορά από αίτηση του 2014: 313 επιπλέον ετεροαναφορές.

Πηγή: Science Citation Index 2016

Paper [D1]

1. A. Konguetsof, A new two-step hybrid method for the numerical solution of the Schrodinger equation, Journal of Mathematical Chemistry 47(2), 871-890(2010)
2. A. Konguetsof, Two-step high order hybrid explicit method for the numerical solution of the Schrödinger equation, Journal of Mathematical Chemistry, Journal of Mathematical Chemistry, 48(2), 224-252(2010)

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