

Curriculum vitae

Personal data

Name: Dr. Péter Zsombor Körtesi PhD

Office: University of Miskolc, Faculty of Materials Sciences and Engineering, Institute of Physical Metallurgy, Metalforming and Nanotechnology

Employments

2006- associate prof. University of Miskolc

1992- lecturer University of Miskolc

1989- assistant lecturer University of Miskolc

1988- researcher University of Miskolc

Scientific degree

2005, PhD in mathematics, University of Debrecen

International Awards

CEEPUS Ministers' Prize of Excellence 2006, 2013

Szent-Györgyi Albert-Award, 2015

Professor Honoris Causa Petru Maior University of Tirgu-Mures, 2015.

Project activities

Coordinator of the CEEPUS Network HU-0028 since 2000

Local coordinator in the projects:

Le-MATH: Learning Mathematics Through New Communication Factors LeMath (2012-14) 526315-LLP-2012-CY-COMENIUS-CMP

EUPA (2006-2008) Education Européenne en Administration Publique, projet No – 69682-IC-1-2005-1-RO-ERASMUS- MODUC

EVML (2006-2008) European Virtual Laboratory of Mathematics, Leonardo project Project No. 2006 - SK/06/B/F/PP - 177436

MATHEU 2004-2006 (MATHEU - Identification, Motivation and Support of Mathematical Talents in European School Comenius 2.1 project)

Organizer of the conferences:

History of Mathematics and Teaching of Mathematics, Chair of the organizing committee (2004, 2006, 2008, 2010, 2012, 2014, 2016),

CEEPUS ECADL nyári egyetemek szervezője (2003, 2004, 2006, 2007, 2008, 2010, 2012, 2014, 2015, 2016)

Constructive Methods in Boundary Values Problems Workshop (, 2006, 2009, 2012, 2015) member of the organizing committee

Junior Mathematical Congress president (1996, 2000, 2002, 2006),

SEFI MWG European Seminar local organizer (2000)

Research activity

2008 - leader of the Mathematical research group: GeoGebra Institute of Miskolc

Professional experiences abroad

Visiting professor 1994-96 research and teaching in St Andrews University Scotland TEMPUS JEP, and IMG

42 visiting professorship CEEPUS teacher grants in the Network HU-0028 between 2000 and 2017

Membership

President of the Borsod Branch of the János Bolyai Mathematical Society

Published reports

The most relevant publications – recent ones

1. [Körtesi Péter](#) (szerk.)
Proceedings of the History of Mathematics and Teaching Mathematics Conference
Konferencia helye, ideje: Eger, Magyarország, 2016.05.19-2016.05.22.
Miskolc: Junior Mathematical Society Miskolc, 2016.
(ISBN:978-693-12-5552-2)
- 2015
2. [Körtesi P](#)
About a Divisibility Property of Integers
FAR EAST JOURNAL OF MATHEMATICAL EDUCATION 14:(1) pp. 15-24. (2015)
3. [Körtesi Péter](#)
Bolyai
In: Gazda József, Szabó Etelka, Ferencz Attiláné Szócs Éva (szerk.)
Kőrösi Csoma Sándor – Az igazság keresése. 607 p.
Konferencia helye, ideje: Kovászna, Románia, 2014.04.09-2014.04.12. Kovászna: Kőrösi Csoma Sándor
Közművelődési Egyesület, 2015. pp. 206-216.
(Kőrösi Csoma Sándor; 21.)
- 2014
4. [Körtesi P](#)
Isogonals and Isotomic Transformations Revisted
Konferencia helye, ideje: Bratislava, Szlovákia, 2014.10.23-2014.10.24.
2014. 6 p.
23., Proceedings of Symposium on Computer Geometry and Graphics
(ISBN:978-80-227-4256-6)
5. [Körtesi Péter](#), Georgieva Desislava
Development of Mathematical Skills with Commonly used Computer Software
In: Kékesi Tamás (szerk.)
XXVIII. microCAD International Multidisciplinary Scientific Conference. Konferencia helye, ideje: Miskolc,
Magyarország, 2014.04.10-2014.04.11. Miskolc: Miskolci Egyetem, 2014. pp. C.2.7.1-C.2.7.8.
(ISBN:978-963-358-0615)
- 2012
6. [Körtesi P](#)
Modelling Hypercomplex numbers
ACTA ELECTROTECHNICA ET INFORMATICA 12:(3) pp. 29-32. (2012)
(ISBN 1335-8243)
- 2011
7. [Körtesi Péter](#)
The polynomial function of order 3 revisited
CREATIVE MATHEMATICS AND INFORMATICS 15:(15) pp. 35-
40. (2006)

Other relevant publications

- 2005
8. [Körtesi Péter](#)
Matrix representation of quaternions
OCTOGON MATHEMATICAL MAGAZINE 13:(1. A.) pp. 149-154. (2005)
9. [Körtesi Péter](#)
Modelling Quaternions
CREATIVE MATHEMATICS AND INFORMATICS 14:(14) pp. 11-18. (2005)
10. [Körtesi P](#), Radeleczki S, Szilágyi Sz
Congruences and isotone maps on partially ordered sets
MATHEMATICA PANNONICA 16:(1) pp. 39-55. (2005)
Citations: 15
11. [Körtesi Péter](#), Szigeti Jenő
A general approach to the Fitting lemma
MATHEMATIKA 52:(1-2) pp. 155-160. (2005)
Citations: 2
- 2004
12. [Körtesi Péter](#)
Constructing Eulerian and Hamiltonian Paths in Graphs
In: Proceeding of the International Conference on Economics, Law, and Management. Konferencia helye, ideje:
Marosvásárhely, Románia, 2004.06.03-2004.06.05.pp. 222-228.
13. [Körtesi Péter](#) (szerk.)
Proceedings of the 3rd Conference on the History of Mathematics and Teaching of Mathematics
Konferencia helve, ideie: Miskolc, Maqvarország, 2004.05.21-2004.05.23.

Miskolc: University of Miskolc, 2004. 203 p.
(ISBN:973-98342-7-2)

2003

14. Körtesi Péter
Applications of Integral Sums
CREATIVE MATHEMATICS AND INFORMATICS 12:(12.) pp. 1-5. (2003)

2000

15. Körtesi Péter, Szigeti Jenő
The adjacency matrix of a directed graph over the Grassmann algebra
CONTEMPORARY MATHEMATICS 259: pp. 319-322. (2000)
16. Körtesi Péter
Using Geometer's Sketchpad in Teaching
In: Lehoczy László, Kalmár László (szerk.)
microCAD 2000, B szekció: International Computer Science Conference. 235 p.
Konferencia helye, ideje: Miskolc, Magyarország, 2000.02.24-2000.02.25. Miskolc: Miskolci Egyetem
Innovációs és Technológia Transzfer Centrum, 2000. pp. 97-101.
Anyagtechnológia ; Fémes és nemfémes technológiák ; Egyéb anyagok
(ISBN:963 661 415 6)
17. Körtesi Péter, Szigeti Jenő
The adjacency matrix of a directed graph over the Grassmann algebra
In: Huynh D V, Jain S K, López-Permouth S R (szerk.)
Algebra and its applications. (259) Providence: American Mathematical Society, 2000. pp. 319-322.
(Contemporary Mathematics; 259.)
Citations: 1