

## Curriculum Vitae

### **EMMANOUIL E. NIKOLOUDAKIS** **(Ph.D, M.Ed, M.Sc)**

#### **LECTURER OF MATHEMATICAL ECONOMICS**

**Department of Sports Organization & Management**  
**University of Peloponnese**  
Mob. +306947805436 email: emnikolou@gmail.com

#### **Studies**

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- Ph.D in Didactics of Mathematics, National and Kapodistrian University of Athens, Grade “Excellent”.
- M.Ed in Didactics and Methodology of Mathematics.
- M.Sc in Technology Education and Digital Systems with direction to E-learning.
- B.Sc in Mathematics, Department of Mathematics, National and Kapodistrian University of Athens.

#### **Academic & vocational experience**

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Dr. Nikoloudakis teaches as a Lecturer at the University of Peloponnese, at the School of Human Movement and Quality of Life Sciences, in the Department of Sport Organization and Management. He teaches in the scientific area of “Informatics”, and of “Mathematical Economics”. He has also worked in Tertiary Education a) as an adjunct lecturer at the Department of Primary Education, University of Athens, b) at SPETE in Athens and c) at the Postgraduate Program of Studies of Education at the University of Athens, in Maraslion School of Pedagogy.

He has also worked in Secondary Education as a School Counselor of Mathematics in the Third Division of Secondary Education in Athens. He has also served as Head of Lyceum, Deputy Director and Professor. He has also taught at the Technical Aviation Officers' School (STYA) of Hellenic Air Force. He has also taught Financial Mathematics in Lyceum and in Public Institutes of Vocational Training.

He has been a scientific associate (a) of the Research Center of the University of Piraeus (b) of the Innovation Center of Learning Technologies (c) of the Pedagogical Institute, and (d) a member of the Coordinating Council of the 3rd Regional Training Center of Athens.

He has published 42 scientific articles. He is the author of 11 books, of which 6 are monographs. His scientific research interests focus on a) Mathematics Teaching b) Mathematical Economics c) Statistics, and d) ICT in Education.

He has been a reviewer for many years in international journals such as the “Journal for Research in Mathematics Education” (JRME) and “Mathematics Teacher”, as well as in greek journals such as the “Mathematical Review”, “Euclid III” and “Astrolavos”.

He is still a judge at Conferences, held by scientific such as the Greek Mathematical Society, Researchers of Didactic Mathematics, etc. He has participated in scientific and organizational committees of conferences. He is a member of the National Council of Teachers of Mathematics (NCTM), Psychology of Mathematics Education (PME), the Association of Young Researchers of Mathematics Teaching (ENEDIM), the Hellenic Mathematical Society (EME) and others.

Dr. Nikoloudakis has taught as a trainer in OEPEK training programs for PEC (Peripheral Educational Centers) and SPETE (School of Pedagogical and Technological Education).

### **Indicative publications in scientific journals and conferences**

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- 1) Nikoloudakis, E. (2011). Helping students of primary and secondary school to make invisible thoughts visible in Euclidean geometry. *Quaderni di Ricerca in Didattica (Matematica)*, n. 21, 3- 18.
- 2) Nikoloudakis, E. (2009/2010). A Proposed Model to Teach Geometry to First-Year Senior High School Students, *International Journal for Mathematics Education (HMS i JME)*, Vol. 2, 17–45.
- 3) Choustoulakis, E. & Nikoloudakis, E. (2011). Applying ARCS Model to Assess the Motivational Characteristics of a Web-based Course in Economic Education in Greece. In *Proceedings of Global Time 2011*, 183-188, Chesapeake, VA: AACE.
- 4) Choustoulakis, E. & Nikoloudakis, E. (2011). Evaluating the Motivational Aspects of a Web-based Learning Environment for the Teaching of Middle School Geometry, In *Proceedings of Global Learn Asia Pacific 2011*, 803-808, Chesapeake, VA: AACE.
- 5) Nikoloudakis, E. & Choustoulakis, E. (2011). A strategy to improve novice students' proof competence, In *Proceedings of the 35th Conference of the International Group for the Psychology of Mathematics Education (PME35)*, 425, Ankara, Turkey.
- 6) Nikoloudakis, E., Aristidou, M. (2009). Nets of Solid Shapes. A teaching approach for the primary students with the aid of Internet, *Astrolavos, Scientific Journal for the Modern Technologies*, 12, 22-37, H.M.S, Athens (ISSN: 1106-2878) (in greek).
- 7) Nikoloudakis, E. (2008). Teaching the theorem of internal bisectrix, deploying Van Hiele theory and cognitive apprenticeship, in an ICT learning environment, *Astrolavos, Scientific Journal for the Modern Technologies*, 10, p.46-68, H.M.S, Athens, (ISSN: 1106-2878) (in greek).
- 8) Nikoloudakis, E., Ferentinos, S., Paraskeva, F., Ioannou, S., Choustoulakis, E., (2007). Assessment of teaching the Pythagorean Theorem using the Web. A research perspective, *Astrolavos, Scientific Journal for the Modern Technologies*, 6, 82-104, H.M.S. Athens (ISSN: 1106-2878) (in greek).
- 9) Nikoloudakis, E., Ferentinos, S., Choustoulakis, E. (2006). Computers as a cognitive tool in the Teaching of Mathematics, *Astrolavos, Scientific Journal for the Modern Technologies*, 5, 96-110, E.M.E. Αθήνα (ISSN: 1106-2878) (in greek).