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DEPARTMENT OF HISTORY & PHILOSOPHY OF SCIENCE
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JEAN CHRISTIANIDIS

CURRENT POSITION

University of Athens, 1997 –

Professor (History of Mathematics), Department of History & Philosophy of Science

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EMPLOYEMENT

- 2014 – Professor of History of Mathematics, Dpt. of History & Philosophy of Science, National and Kapodistrian University of Athens, NKUA
- 2008–2014 Associate Professor of History of Mathematics and Logic, Dpt. of History & Philosophy of Science, NKUA
- 2002–2008 Assistant Professor, Dpt. of History & Philosophy of Science, NKUA
- 1997–2002 Lecturer, Dpt. of History & Philosophy of Science, NKUA

AREAS OF EXPERTISE

History of Greek Mathematics and Science; History of Byzantine Mathematics and Science; History of Algebra

EDUCATION

- 1991: PhD in History of Mathematics (Dpt. of Mathematics, NKUA). Title of dissertation: *Linear Diophantine equations in the Greek mathematical tradition*
- 1983: BSci in Mathematics (Dpt. of Mathematics, NKUA)

TEACHING

- 1997 – **NKUA, Department of History & Philosophy of Science** Undergraduate and Postgraduate courses on the History of Mathematics and Science
- 2011 – **NKUA, Department of Mathematics**
Undergraduate: History of Mathematics from Antiquity to the Renaissance

PROFESSIONAL OFFICES/DUTIES

- 2014–2017 Head of the Department of History & Philosophy of Science, NKUA
- 2011–2014 Vice-president of the Department of History & Philosophy of Science, NKUA
- 2009–2011 Head of the Division of History of Science and Technology of the Department of History & Philosophy of Science, NKUA
- 2016 – Corresponding member of the [Académie Internationale d'Histoire des Sciences](#)
- 1994 – Editor-in-chief of [Neusis](#) (Greek Journal for the History and Philosophy of Science and Technology)
- 1991 – Member of the [International Commission on the History of Mathematics](#) (ICHM)

SUPERVISION OF THESES

- 2014 Marie Dupond: *La correspondance du géomètre Gaspard Monge (1795-1799)*
- 2016 Ioanna Skoura: *The commentaries of Theon on the Mathematical syntaxis of Ptolemy*
- 2016 Athanasia Megremi: *Pythagorean arithmetic tradition and commentary culture in Late Antiquity: the Exegesis of Ioannes (John) Philoponus on Nicomachus' of Gerasa Arithmetic introduction*

LIST OF SELECTED PUBLICATIONS

I. Books and edited volumes

1. *The Rebirth of Archimedes. How a Medieval Book of the 10th Century Changes Established Views on Greek Mathematics.* (Texts by R. Netz, F. Acerbi, K. Saito, N. Wilson, N. Tchernetska, J. Christianidis, A. Demis). Edited by J. Christianidis. Athens, Nefeli Publishers, 2011. [In Greek]
2. *Disputes on the History of Greek Mathematics.* (Texts by S. Unguru, B. L. van der Waerden, H. Freudenthal, A. Weil, J. Christianidis, D. Dialetis). Edited by J. Christianidis, and D. Dialetis. Herakleion, Crete University Press, 2006. [In Greek]
3. *Classics in the History of Greek Mathematics.* Dordrecht, Kluwer Academic Publishers, 2004. Editor J. Christianidis. (Boston Studies in the Philosophy of Science, vol. 240).
4. *Topics on the History of Mathematics: Egyptian, Babylonian and Greek Mathematics.* Herakleion, Crete University Press, 2003. [In Greek]
5. *Greek Science in Antiquity, in Byzantium, and in post-Byzantine period.* Patras, Greek Open University, 2000. With D. Dialetis, K. Gavroglu, G. Papadopoulos. [In Greek]
6. *Trends in the Historiography of Science.* Editors K. Gavroglu, J. Christianidis, and E. Nicolaïdis. Dordrecht, Kluwer Academic Publishers, 1994. (Boston Studies in the Philosophy of Science, vol. 151).

II. Articles (in international journals and volumes)

7. A. Megremi, J. Christianidis, 2019: «Interpreting Tables of the *Arithmetical Introduction* of Nicomachus through Pachymeres' Treatment of Arithmetic: Preliminary Observations». In A. Volkov, V. Freiman (eds), *Computations and Computing Devices in Mathematics Education before the Advent of Electronic Calculators*. Springer, 65–93.
8. J. Christianidis, 2018. «Diophantus and Premodern Algebra. New Light on an Old Image». In M. Sialaros (ed.), *Revolutions and Continuity in Greek Mathematics*. Berlin, Boston: Walter de Gruyter, 35–65.
9. J. Christianidis, 2018. «La démarche de Diophante démystifiée: l'algèbre prémoderne au service de la résolution de problèmes». In *Actes du 12ème colloque maghrébin d'histoire des mathématiques arabes (Marrakech 26–28 mai 2016)*, coordonné par Ezzaim Laabid, Marrakech: Ecole Normale Supérieure, 41–69.
10. M. Sialaros, J. Christianidis, 2016: Situating the debate on 'geometrical algebra' within the framework of premodern algebra. *Science in Context* 29: 129–150.
11. A. Megremi, J. Christianidis, 2015: Theory of ratios in Nicomachus' *Arithmetica* and series of arithmetical problems in Pachymeres' *Quadrivium*: reflections about a possible relationship. *SHS Web of Conferences* 22: 00006.
12. J. Christianidis, 2015: The meaning of *hypostasis* in Diophantus' *Arithmetica*. In T. Arabatzis, J. Renn, A. Simoes (eds): *Relocating the History of Science*. Springer, 315–327.
13. J. Christianidis, I. Skoura, 2013. Solving problems by algebra in late antiquity: New evidence from an unpublished fragment of Theon's commentary on the *Almagest*. *Sciamvs* 14: 41–57.
14. J. Christianidis, J. Oaks, 2013. Practicing algebra in late antiquity: The problem-solving of Diophantus of Alexandria. *Historia Mathematica* 40: 127–163.
15. A. Bernard, J. Christianidis, 2012. A new analytical framework for the understanding of Diophantus's *Arithmetica* I-III. *Archive for History of Exact Sciences* 66 (1): 1–69.

16. J. Christianidis, 2010: «Some reflections on the historiography of classical algebra». In *Proceedings of the History of Modern Algebra: 19th Century and Later Conference (Thessaloniki 3–4 October 2009)*, H. Charalambous, D. Papadopoulou, Th. Theohari-Apostolidi eds., Aristotle University of Thessaloniki, School of Mathematics, Department of Algebra, Number Theory and Mathematical Logic, 13–24.
17. J. Christianidis, A. Demis, 2010: «Archimedes' Quadratures». In *The Genius of Archimedes – 23 Centuries of Influence on Mathematics, Science and Engineering*, S.A. Paipetis, M. Ceccarelli eds., Dordrecht, Springer, 57–68.
18. J. Christianidis, P. Fournarakis, 2010: «On Archimedes' Pursuit Concerning Geometrical Analysis». In *The Genius of Archimedes – 23 Centuries of Influence on Mathematics, Science and Engineering*, S.A. Paipetis, M. Ceccarelli eds., Dordrecht, Springer, 69–81.
19. J. Christianidis, 2007. «The Way of Diophantus. Some clarifications on Diophantus' method of solution». *Historia Mathematica* 34: 289–305.
20. P. Fournarakis, J. Christianidis, 2006. «Greek geometrical analysis: A new interpretation through the 'Givens'-terminology». *Bollettino di Storia delle Scienze Matematiche* 26 (1): 33–56.
21. J. Christianidis, 2004: «Did the Greeks have the notion of common fraction and did they use it?» In *Classics in the History of Greek Mathematics*, J. Christianidis ed., Dordrecht, Kluwer Academic Publishers, 331–336.
22. J. Christianidis, D. Dialetis, K. Gavroglu, 2003: «Aristarchus' Heliocentrism reconsidered: A new reading of Archimedes' Sand-Reckoner». In *Cosmology through Time: Ancient and Modern Cosmologies in the Mediterranean Area*, S. Colafrancesco and G. Giobbi eds. Milano: Mimesis, 113–122.
23. J. Christianidis, D. Dialetis, K. Gavroglu, 2002. «Having a knack for the non-intuitive. Aristarchus' heliocentrism through Archimedes' geocentrism». *History of Science* 40: 147–168.
24. J. Christianidis, 2002: «Les lecteurs byzantins de Diophante». In *Studies in History of Mathematics dedicated to A. P. Youschkevitch*, E. Knobloch, J. Mawhin, S. S. Demidov eds., Turnhout: Brepols, 153–163. (Proceedings of the XXth International Congress of History of Science, vol. XIII.)
25. J. Christianidis, 1998. «Une interprétation byzantine de Diophante». *Historia Mathematica* 25: 22–28.
26. J. Christianidis, 1996. «Maxime Planude sur le sens du terme diophantien *plasmation*». *Historia Scientiarum* 6 (1): 37–41.