

Konstantinos Papadakis was born in Chania of Crete (1956). He received the Diploma of Mathematics from the University of Patras (1981) and his PhD (1988) Degree in Celestial Mechanics from the Department of Engineering Sciences of the University of Patras. He became Lecturer at the Department of Engineering Sciences on 1988 and from November 1992 he was Assistant Professor at the same Department. On 1994 he was at the University of Glasgow, Glasgow, United Kingdom for six months with sabbatical leave. From February 1999 he was Associate Professor and from July 2008 he was Professor at the Department of Engineering Sciences of the University of Patras. Since September 2013 he holds the position of Professor at the Department of Civil Engineering of the University of Patras.

He is author of 3 books on Applied Mathematics and programming languages while his scientific interests are in the areas of the Dynamical Systems, Celestial Mechanics, Orbital Mechanics, Computational Mechanics, and Numerical methods. He is author or co-author (<http://scholar.google.gr/citations?user=O-jSrpAAAAJ&hl=en>) of over 60 research papers in international scientific journals and international scientific conferences. He is referee for 15 international scientific journals.

He has taught for several years the postgraduate courses, Differential equations, Dynamical Systems, Celestial Mechanics, Theory of orbits, Theory of stability and bifurcations of the Department of Engineering Sciences as well as the interdepartmental postgraduate course "Differential equations and Dynamical systems" of Medical Physics.

He is a member of the International Astronomical Union (IAU), Hellenic Astronomical Society (Hel.A.S) and of Greek Mathematical Society.

Personal webpage:

<http://www.des.upatras.gr/amm/Papadakis/web%20page/PersonalPage.html>

Instruction

Undergraduate Courses:
Mathematics 1

Selected Publications

1. K. E. Papadakis, "Asymptotic orbits in the restricted four-body problem", *Planetary and Space Sci.*, 2007, **55**, pp. 1368-1379.
2. K. E. Papadakis and S. S. Kanavos, "Numerical exploration of the photogravitational restricted five-body problem", *Astrophys. Space Sci.*, 2007, **310**, pp. 119-130.
3. P. S. Soulis, K. E. Papadakis and T. Bountis, "Periodic orbits and bifurcations in the Sitnikov four-body problem", *Celes. Mech. and Dynam. Astron.*, 2008, **100**, pp. 251-266.
4. K. E. Papadakis, "Families of asymmetric periodic orbits in the restricted three-body problem", *Earth Moon, and Planets*, 2008, **103**, pp. 25-42.
5. T. Bountis and K. E. Papadakis, "The stability of vertical motion in the N-body circular Sitnikov problem", *Celes. Mech. and Dynam. Astron.*, 2009, **104**, pp. 205-225.
6. K. E. Papadakis, "Asymptotic orbits in the (N+1)-body ring problem", *Astrophys. Space Sci.*, 2009, **323**, pp. 261-272.

7. A. N. Baltagiannis and K. E. Papadakis, "Equilibrium points and their stability in the restricted four-body problem", *International Journal of Bifurcation and Chaos*, 2011, **21**, pp. 2179-2193.
8. A. N. Baltagiannis and K. E. Papadakis, "Families of periodic orbits in the restricted four-body problem", *Astrophys. Space Sci.*, 2011, **336**, pp. 357-367.
9. A. N. Baltagiannis and K. E. Papadakis, "Periodic solutions in the Sun - Jupiter – Trojan Asteroid – Spacecraft system", *Planetary and Space Sci.*, 2013, **75**, 148-157.
10. J. P. Papadouris and K. E. Papadakis, "Equilibrium points in the photogravitational restricted four-body problem", *Astrophys. Space Sci.*, 2013, **344**, 21-38.