

Nume prenume	Pozitie academica/ Afilier	Domeniile de Competenta	Lucrari ISI in domeniile centrului	
			Nr.	Lucrari reprezentative
Constantinescu Dana	Conf. dr. DMA	Modelare matematica Sisteme dinamice : bifurcatii, comportare haotica, fractali, sisteme dinamice fractionale) Sisteme Hamiltoniene Analiza si simulare numerica	24	<p>1. Gh. Tigan, D. Constantinescu, <i>Heteroclinic orbits in the T and the Lu systems</i> (2009) Chaos solitons and fractals Volume: 42 Issue: 1, 20-23</p> <p>2. D. Constantinescu, O. Dumbrajs, V. Igochine, K. Lackner, R. Meyer-Spasche, H. Zohm, and ASDEX Upgrade Team, <i>A low-dimensional model system for quasi-periodic plasma perturbations</i>, (2011) Physics of Plasmas 18, 062307</p> <p>3. D. Constantinescu, M-C Firpo, <i>Modifying locally the safety profile to improve the confinement of magnetic field lines in tokamak plasmas</i>, Nuclear Fusion 52, 054006 (2012)</p> <p>4. Y. Wang, M. Han, D. Constantinescu, <i>On the limit cycles of perturbed discontinuous planar systems with 4 switching lines</i>, (2016) Chaos, Solitons and Fractals 83, 158-177</p>