

Name of the advisor: Grzegorz Graff

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Disciplineⁱ mathematics

Bibliometric indicators

1.	Number of journal publications in WoS/ Scopus	40 (WoS)
2.	Citations (WoS/Scopus) excluding self-citations	99 (WoS)
3.	Hirsch index (WoS/Scopus)	10 (WoS)
4.	Hirsch index in Google Scholar	11
5.	Citations in Google Scholar	303

1. The number of PhD students who have graduated under your supervision: 2
2. The number of PhD students currently supervised: 1
3. Are you currently accepting new PhD students:
 - a. Polish Yes
 - b. Foreign Yes

Research interests or topics offered for PhD research (no more than 2000 characters)ⁱⁱ

Dynamical systems, fixed and periodic point theory, topology, applied mathematics (in particular applications of mathematical methods in medicine).

PhD Advisor form

Funding or special equipment needed to carry out a PhD project ⁱⁱⁱ:

1. Is funding available for experimental work: No
2. Is the equipment needed to complete a PhD project available in your lab/department: Yes

Most recent publications in WoS/SCOPUS journal – no more than 5 published after 1.01.2017

No	Authors/title/journal	Journal IF/Quartile – for WoS and SNIP/ CiteScore for SCOPUS	Publication year
1.	José M. Amigó, Beata Graff, Grzegorz Graff, Roberto Monetti and Katarzyna Tessmer, Detecting coupling directions with transcript mutual information: A comparative study, DISCRETE AND CONTINUOUS doi: 10.3934/dcdsb.2019051.	IF=0.972/Q2	2019
2.	Graff, Grzegorz; Lebiedź, Małgorzata; Myszkowski, Adrian; Periodic expansion in determining minimal sets of Lefschetz periods for Morse–Smale diffeomorphisms. J. Fixed Point Theory Appl. 21 (2019), no. 2, 21:47.	IF=0.971 /Q2	2019
3.	Graff, Grzegorz; Signerska-Rynkowska, Justyna, Dynamics of Field Line Mappings in Magnetic Flux Tubes, MATHEMATICAL PHYSICS ANALYSIS AND GEOMETRY Volume: 21 Issue: 3 Article Number: 26	IF=0.86/ Q3	2018
4.	Graff, Grzegorz; Lebiedz, Malgorzata; Nowak-Przygodzki, Piotr, Generating sequences of Lefschetz numbers of iterates, MONATSHEFTE FUR MATHEMATIK Volume: 188 Issue: 3, 511-525.	IF=0.750/Q2	2018
5.	Graff, Grzegorz; Jezierski, Jerzy Minimal number of periodic points of smooth boundary-preserving self-maps of simply-connected manifolds. Geom. Dedicata 187 (2017), 241–254.	IF=0.612/ Q3	2018

Most recent externally funded projects you were involved in – no more than 3

No	Project title, the name of the Princ. Investigator (PI) and the institution the project was carried out	Year awarded	Role in the project
1.	Topological invariants and measures of complexity in action, NCN-grant Opus nr 2014/15/B/ST1/01710, amount of funding: 297 960 PLN (2015-2018).	2015	PI
2.	Center of Applied Mathematics, NCBR grant UDA POKL 04.02.00-108/11-00 amount of funding 1 958 132.10 PLN (2012-2015).	2012	PI

PhD Advisor form

3.	(Please fill in here)	(fill in)	Wybierz element.
<p>Additional relevant information – (no more than 1600 characters)^{iv}</p> <p>Dr hab Grzegorz Graff, prof nadzw. PG further information: head of Department of Differential Equation and Applied Mathematics at Gdansk University of Technology.</p> <p>Member of Polish Mathematical Society, PhD advisor of 2 complete thesis (one with distinctions) and the advisor of 15 MSc thesis, 3 bachelor thesis and 2 engineer's thesis.</p> <p>Editor of 3 scientific monographs ("Mathematical methods in applications" 2013, 2014, 2015).</p> <p>In 2005 awarded the Senior Fulbright Fellowship for conducting research at Center of Nonlinear Science at Georgia Institute of Technology (USA).</p> <p>Member of the editorial board of the journal "Mathematica Applicanda" and the journal of Polish Mathematical Society "Wiadomosci Matematyczne" ("Mathematical News"). The organizer of 12 conferences and workshops.</p>			

ⁱ You may select up to two disciplines out of 12 disciplines represented in the Doctoral School

ⁱⁱ Observe the limit of not more than 300 words

ⁱⁱⁱ Leave only one answer

^{iv} Add any other relevant information eg. awards for PHD students whom you supervised (no more than 200 words)