



INSTITUTION:	<b>Gdansk University of Technology, Faculty of Applied Physics and Mathematics</b>
CITY:	Gdańsk
POSITION:	<b>Assistant Professor</b>
DISCIPLINE:	Mathematics
POSTED:	13-07-2018
EXPIRES:	31-10-2018
WEBSITE:	<a href="http://praca.pg.gda.pl/oferta/2094/en">http://praca.pg.gda.pl/oferta/2094/en</a>
KEYWORDS:	Morse theory; Hamiltonian systems; Lagrangian systems; Conley index; homoclinics; heteroclinics

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### **Tasks/Role**

Implementation of research tasks specified in the project: "*Morse theoretical methods in Hamiltonian dynamics*". Development of known methods based on topological invariants and their application to the study of the existence and multiplicity of homoclinic and heteroclinic orbits for Hamiltonian systems.

### **Requirements**

- PhD degree in mathematics obtained not earlier than 7 years before applying for employment.
- Knowledge of topological invariants used in nonlinear analysis such as: the Morse index, the Conley index, a topological degree.
- Basic knowledge of the theory of Hamiltonian systems.
- Basic knowledge of homology and homotopy theory.

### **Documents**

- Curriculum vitae.
  - A list of publication.
  - A document proving the ownership of the PhD degree (scan).
  - At least one reference letter with the e-mail address to the referee.
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COMPETITION ENDS: 15.11.2018

PLANNED DATE OF EMPLOYMENT: 01-01-2019

Documents should be sent electronically to the address: [joanna.janczewska@pg.edu.pl](mailto:joanna.janczewska@pg.edu.pl) giving the reference number: 01/WFTiMS/2018 in the title of the message.



Please include following clause:

"In accordance with Article 6 (1) (a) of the General Data Protection Regulation of 27 April 2016 ( EU Journal of Laws L 119, of 04.05.2016) (GDPR) I hereby agree to the processing of personal data included in my job offer by the Gdańsk University of Technology (Politechnika Gdańska), ul. Narutowicza 11/12, 80-233 Gdańsk for the purposes required for recruitment."

In accordance with Article 13 of the General Data Protection Regulation of 27 April 2016 (EU Journal of Laws L 119, of 04.05.2016) (GDPR) we hereby inform that:

1. The Data Controller presented in the job offer is Gdańsk University of Technology (Politechnika Gdańska), ul. Narutowicza 11/12, 80-233 Gdańsk (postal code: 80-233).
2. The Data Controller appointed the Data Protection Officer, who may be contacted via email address: – [dpo@pg.edu.pl](mailto:dpo@pg.edu.pl)
3. Your personal data will be processed for purposes related to servicing the Employer portal of Gdańsk University of Technology in accordance with Article 6 (1) (a) (consent).
4. Your personal data will be stored until the recruitment process is completed or when employment is terminated. After this time your personal data will be archived and stored for the period of 50 years.
5. Granting the consent for data processing is voluntary but necessary for recruitment purposes.
6. The data provided will not be made available to third parties. The recipients of the data will only be institutions authorized by law.
7. You have the right to request access to the content of your data and the right to rectify, supplement, delete or limit processing, the right to data portability, the right to object to the processing, and the right to withdraw consent at any time. Moreover, you have the right to file a complaint with the supervisory authority in charge of personal data protection (i.e. the President of the Personal Data Protection Office).
8. Your data will not be subject to profiling.
9. The Data Controller will not transfer any personal data to a recipient in a third country or an international organization.

The contest may be closed without selecting a candidate.

We will contact the selected candidates.

All the documents sent will not be returned.