



GAME-based
learning in
MAtematics

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GAMMA: Project No. 2020-1-HR01-KA201-077794

Co-funded by the
Erasmus+ Programme
of the European Union





GAME-based
learning in
M^Athematics

Josip Juraj Strossmayer University of Osijek

- was established in 1975
- one of nine Croatian public universities
- around 18,000 students
- 1,500 members of academic staff
- 12 faculties
- 4 departments
- Academy of Arts and Culture



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- studies according to the Bologna principles
- university undergraduate studies
- university graduate studies
- integrated undergraduate and graduate studies
- postgraduate professional studies
- postgraduate doctoral studies

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- one of the main priorities is the development of international cooperation



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Department of Mathematics

- was founded on 1 October 1999
- fundamental institution in the region responsible for the organisation of scientific research, professional work and education of high-quality staff in the field of mathematics



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- 483 students
- 25 teachers
- 2 lecturer
- 6 postdoctoral researchers
- 5 assistants



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- 2 undergraduate study programmes:

Mathematics

Mathematics and Computer Science

- 3 graduate study programmes:

Mathematics and Informatics Education

Financial Mathematics and Statistics

Mathematics and Computer Science





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- collaboration with primary and secondary schools in the region
- Professional Colloquium
- Osijek Mathematical Society
- professional and methodological journal Osječki matematički list
- Winter School of Mathematics
- Evening of Mathematics
- Innovative Mathematics Teaching
- Mathematics and Children scientific colloquium





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Members of the project team:

- Mirela Jukić Bokun
- Ljerka Jukić Matić
- Dragana Jankov Maširević
- Darija Marković
- Mateja Đumić
- Mihaela Ribičić Penava



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Team members

- work on the popularisation of mathematics
- teach mathematics education courses
- participate in organising national meetings for mathematics educators entitled “Innovative Mathematics Teaching”
- work as part of the Committee on Professional Exams for Mathematics Teachers
- developed qualification standards and occupational standards for mathematics teachers
- were involved in the E-school project, where digital educational content was developed

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