|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name, middle initial, last name** | | | | | | | Đorđe D. Herceg | | | | |
| **Title** | | | | | | | Full professor | | | | |
| **Name of the institution where the teacher works full time and since when** | | | | | | | Faculty of Sciences, University of Novi Sad, 1995. | | | | |
| **Narrower scientific and artistic field** | | | | | | | Numerical mathematics | | | | |
| **Academic career** | | | | | | | | | | | |
|  | | | | Year | Institution | | | | | Scientific field | |
| BSc | | | | 1995 | Faculty of Sciences, UNS, 1995 | | | | | Informatics | |
| MSc | | | | 1997 | Faculty of Sciences, UNS, 1995 | | | | | Informatics | |
| PhD | | | | 1999 | Faculty of Sciences, UNS, 1995 | | | | | Numerical Mathematics | |
|  | | | |  |  | | | | |  | |
| **The list of courses that the instructor holds in the first and second level** | | | | | | | | | | | |
|  | Course title | | | | | Name of the study program, the type of studies | | | | | No. of lectures |
| 1 | Modern teaching tools | | | | | M, Bachelor | | | | | 2 |
| 2 | Numerical Analysis | | | | | I, Bachelor | | | | | 3 |
| 3 | Databases and Business informatics | | | | | M, Bachelor | | | | | 2 |
| 4 | Programming 3 | | | | | M, Bachelor | | | | | 3 |
| 5 | Internet of Things | | | | | M, Bachelor | | | | | 2 |
| 6 | Advanced .NET programming | | | | | I, Master | | | | | 1 |
| **Representative references (minimum 5 not more than 10)** | | | | | | | | | | | |
|  | | **Herceg, Đ.**, Petković, I., Computer visualization and dynamic study of new families of root-solvers, Journal of Computational and Applied Mathematics (2021),  DOI: 10.1016/j.cam.2021.113775 – M21 | | | | | | | | | |
|  | | Petković, I., **Herceg, Đ.**, Computer tools for solving mathematical problems: a review, Facta Universitatis (Niš) Ser. Math. Inform. Vol. 36, No 1 (2021), 205-236 DOI: 10.22190/FUMI201203017P | | | | | | | | | |
|  | | **Herceg, Đ.**, Herceg, D., Arduino and Numerical Mathematics, Informatics in Education (ISSN: 1648-5831), Vol 19, No 2(2020), 239-256. DOI: 10.15388/infedu.2020.12, M53 | | | | | | | | | |
|  | | Herceg, D., Chwastek, K., **Herceg, Đ.**, The Use of Hypergeometric Functions in Hysteresis Modeling, Energies 2020, 13(24), 6500; DOI: 10.3390/en13246500, M22 | | | | | | | | | |
|  | | Petković, I., **Herceg, Đ.**, Computer tools for the construction and analysis of some efficient root-finding simultaneous methods, Filomat 34:7 (2020), 2151–2169 DOI: 10.2298/FIL2007151P | | | | | | | | | |
|  | | Petković, I., **Herceg, Đ.**, Computer methodologies for comparison of computational efficiency of simultaneous methods for finding polynomial zeros, Journal of Computational and Applied Mathematics Vol 368 (2020) DOI: 10.1016/j.cam.2019.112513 | | | | | | | | | |
|  | | Petković, I., **Herceg, Đ.,** Symbolic computation and computer graphics as tools for developing and studying new root-finding methods, Applied Mathematics and Computation 295(2017), 95-113 | | | | | | | | | |
| **Summary data of scientific or artistic and professional activities of a teacher** | | | | | | | | | | | |
| The total number of citations | | | | | | | | 102 | | | |
| Total number of papers from SCI (SSCI) list | | | | | | | | 20 | | | |
| Current participation in projects | | | | | | | | National ON174030 | International  ENLIVEN (2021-2022), EUGLOH (2022-) | | |
| Trainings | | |  | | | | | | | | |
| Other relevant data | | | | | | | | | | | |
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