

Lista lucrărilor Conferențiar Dr. Sanda Micula

Lucrările cele mai relevante

- 1. Sanda Micula**, *An iterative numerical method for fractional integral equations of the second kind*, J. Comput. Appl. Math., Vol. 339, 2018, 124-133, doi:10.1016/j.cam.2017.12.006 (premiat UEFISCDI, zonă roșie);
- 2. Sanda Micula**, C. Cattani, *On a numerical method based on wavelets for Fredholm-Hammerstein integral equations of the second kind*, Math. Method. Appl. Sci., 2018, doi:10.1002/mma.4952;
- 3. Sanda Micula**, *On some iterative numerical methods for a Volterra functional integral equation of the second kind*, J.Fixed Point Theory Appl., Vol. 19, 2017, 1815–1824, doi:10.1007/s11784-016-0336-6 (premiat UEFISCDI, zonă galbenă);
- 4. Sanda Micula**, *An iterative numerical method for Fredholm-Volterra integral equations of the second kind*, Appl. Math. Comput., Vol. 270, 2015, 935-942, doi:10.1016/j.amc.2015.08.110 (premiat UEFISCDI, zonă roșie);
- 5. Sanda Micula**, *A fast converging iterative method for Volterra integral equations of the second kind with delayed arguments*, Fixed Point Theor. RO, Vol. 16(2), 2015, 371-380 (premiat UEFISCDI, zonă roșie);
- 6. Sanda Micula**, *A spline collocation method for Fredholm–Hammerstein integral equations of the second kind in two variables*, Appl. Math. Comput., Vol. 265, 2015, 352–357, doi:10.1016/j.amc.2015.05.017 (premiat UEFISCDI, zonă roșie);
- 7. Sanda Micula**, W. L. Wendland, *Trigonometric collocation for nonlinear Riemann–Hilbert problems on doubly connected domains*, IMA J. Numer. Anal., Vol. 35(2), 2015, 834-858, doi:10.1093/imanum/dru009 (premiat UEFISCDI, zonă roșie);
- 8. Sanda Micula**, *On spline collocation and the Hilbert transform*, Carpathian J. Math., Vol. 31(1), 2015, 89 – 95 (premiat UEFISCDI, zonă galbenă);
- 9. Sanda Micula**, W. L. Wendland, *Spline approximation of a nonlinear Riemann- Hilbert problem*, Appl. Anal., Vol 87(9), 2008, 1067-1083, doi:10.1080/00036810802429019;
- 10. Gh. Micula, Sanda Micula**, *Handbook of Splines*, Kluwer Academic Publishers, Dordrecht - Boston - London, 1999, ISBN 0-7923-5503-2, reeditată de Springer Sciences and Business Media, 2012, ISBN: 978-94-010-6244-2 (Print) 978-94-011-5338-6 (Online), 624 pag.;

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1. **Sanda Micula**, *Probability and Statistics for Computational Sciences*, Cluj University Press, 2009, ISBN 978-973-610-949-2, 282 pag.;

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1. **Sanda Micula**, *An iterative numerical method for fractional integral equations of the second kind*, J. Comput. Appl. Math., Vol. 339, 2018, 124-133, doi:10.1016/j.cam.2017.12.006 (Accession Number: WOS:000432766400010);

2. **Sanda Micula**, C. Cattani, *On a numerical method based on wavelets for Fredholm-Hammerstein integral equations of the second kind*, Math. Method. Appl. Sci., 2018, doi:10.1002/mma.4952;

3. **Sanda Micula**, *On some iterative numerical methods for a Volterra functional integral equation of the second kind*, J.Fixed Point Theory Appl., Vol. 19, 2017, 1815–1824, doi:10.1007/s11784-016-0336-6 (Accession Number: WOS:000408911000009);
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9. A. Mironiuc, L. Palcău, L. Rogoian, **Sanda Micula**, C. Gherman, *Is there a correlation between the CEAP score and the histopathological findings in varicose disease?*, Rom. J. Morphol. Embryo., Vol. 52(1), 2011, 117 – 121 (Accession Number: WOS:000288610700017);
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2. International Conference on Nonlinear Operators, Differential Equations and Applications (ICNODEA) 2015, Cluj-Napoca, 14 – 17 iul. 2015;
3. Numerical Analysis and Approximation Theory (NAAT) 2014, Cluj-Napoca, 17 – 20 sept. 2014;
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9. 3rd Int. Symposium on Prospects of the 3rd Millennium Agriculture, Cluj-Napoca, 20-23 oct. 2004;
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Data:

___10.10.2018___

Semnătura:
