

Publications and Conferences

Publications:

Year 2009:

Kulička Jiří a Miroslav Tobyška. Generátory harmonických a tvarových kmitů pro studium elektrotechniky. Sborník Veletrh nápadů učitelů fyziky. Masarykova univerzita, 2009, ISBN 978-80-210-5022-8.

Kulička Jiří. Elektroakustické analogie v prostředí programu Matlab. Sborník 79. akustického semináře, ČVUT Praha 2009, ISBN 978-80-01-04427-8.

Year 2010:

Kulička Jiří. Electro acoustic analogies in Matlab environment. Proceedings of the 5-th International Scientific Conference „Theoretical and Practical Issues in Transport“. University of Pardubice, Jan Perner Transport Faculty 2010, str. 352-364, ISBN 978 80 7395 244 0.

Kulička Jiří. Aproximace křivek v Matlabu. Část 1. - Význam aproximací. Media4u Magazine [online], 2010, vol. 7, no. 1, p. 89-91 [cit. 2010-03-04]. Dostupný z WWW: <www.media4u.cz>. ISSN: 1214-9187.

Kulička Jiří. Aproximace křivek v Matlabu. Část 2. - Aproximace metodou nejmenších čtverců. Media4u Magazine [online], 2010, vol. 7, no. 1, p. 92-99 [cit. 2010-03-04]. Dostupný z WWW: <www.media4u.cz>. ISSN: 1214-9187.

Kulička Jiří. Aproximace křivek v Matlabu. Část 3. – Lagrangeův interpolační polynom v Matlabu. Media4u Magazine [online], 2010, vol. 7, no. 2, p. 132-137 [cit. 2010-07-07]. Dostupný z WWW: <www.media4u.cz>. ISSN: 1214-9187.

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Kulička Jiří. Výuka základních numerických algoritmů v Matlabu – Aproximace kubickými splajny. Sborník příspěvků 18. ročníku konference Technical Computing Bratislava 2010. ISBN 978 80 970519 0 7.

Year 2011:

Kulička Jiří. Aproximace křivek v Matlabu – Trigonometrické polynomy. Perner's Contacts [online], 2011, vol. 6, no. 1, p. 161-170 [cit. 2011-06-09]. Dostupný z WWW: <<http://pernerscontacts.upce.cz>>. ISSN: 1801-674X.

Kulička Jiří a Miroslav Tobyška. Generátory harmonických a tvarových kmitů pro studium elektroniky. Matematika – Fyzika – Informatika. Prometheus, spol. s.r.o., Praha, 2011. Ročník 20, leden 2011. ISSN – 1210-1761.

Year 2013:

Kulička Jiří. Elementární úlohy z matematiky. Univerzita Pardubice, 2013. ISBN: 978 – 80 – 7395 – 711 – 7.

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Půlpán Zdeněk a Jiří Kulička. Jednoduchý fuzzy regresní model. Informační bulletin České Statistické Společnosti [online], 2014, vol. 25, no. 3, p. 1-13, [cit. 2014-09-09]. Dostupný z www: <http://www.statspol.cy/cs/wp-content/uploads/IB_3_2014.pdf>. ISSN: 1804-8617.

Kulička Jiří. Estimation of uncertainty for problem solving by fuzzy mathematics tools. Proceeding of the Frontiers in Mathematics and Science Research Conference. 01-03 May 2014, Famagusta, North Cyprus.

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Kulička Jiří. Numerical solution of differential equations in Matlab. Poster. 6-th International Scientific Conference. 3.9.-4.9.2015, Pardubice.

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Krylová Kateřina, Bílek Radovan, Kulička Jiří, Dejmek Petr, Bayer Milan, Kačerovský Marian and David Neumann. Urinary Iodine Concentrations in Mother and Their Term Newborns in Country with Sufficient Iodine Supply. The Journal of Maternal-Fetal & Neonatal Medicine. Vol. 0. 2016. p. 8431-8437. ISBN 978-84-608-8860-4. Impact Factor 1,674

Kulička Jiří and Petr Jílek. The Fourier Analysis in Transport Application Using Matlab. In Transport Means 2016 Proceedings. Kaunas Latvia: 20th International. 5-7 October, 2016. p. 820-825. ISSN 1822-296X. ISSN 2351-7034. WS, Scopus

Kulička Jiří and Stanislav Machalík. Differential Equations in the Education of the Future Transport Engineers with Support of Matlab. In ICERI2016 Proceedings. Seville, SPAIN: 9th International Conference of Education, Research and Innovation. 2016. p. 7471-7478. ISBN 978-84-617-5895-1. ISSN: 2340-1095. WS

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Matoušová Ivana and Jiří Kulička. Using E-learning in teaching of the matrices. In ICERI2019 Proceedings. Seville, SPAIN: 12th Annual International Conference of Education, Research and Innovation (ICERI). 2019. p. 1860-1864. ISBN: 978-84-09-14755-7. WS

Year 2022:

Kulicka Jiri, Vladimir Jehlicka and Ondrej Slavicek. The Influence of Educational Technologies and Students' Academic Disposition on Their Study Success in the First Year at University. International Journal of Information and Education Technology. Volume 12, Number 6, pages 507-517 ISSN: 2010-3689. doi: 10.18178/ijiet.2022.12.6.1648. Scopus

Kulička, J. The Position of Eigenvalues in the Gaussian Complex Plane Depending on the Change of the Coefficients of the Homogeneous Linear Differential Equation in Transport Application Using Matlab. Transport Means – Proceedings of the 26th International Conference. Vol. October 2022, pp.968-973. Kaunas. Code 185103. ISSN: 1822296X. 2022. Scopus.

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Year 2023:

Kulicka, J. and V. Jehlička. The Impact of Lockdown during the Covid-19 Pandemics on Student Behaviour and Exam Success Rate. INTEND2023 Proceedings. 17th International Technology, Education and Development Conference, Valencia, Spain. 6-8 March. ISBN: 978-84-09-49026-4. ISSN: 2340-1079. IATED 2023. doi: 10.21125/intend.2023.

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Kulička, J. THE GOLD-PLATED SEQUENCE IN CONTEXT OF APPLIED MATHEMATICS EDUCATION, ICERI2023 Proceedings, pp. 1955-1960. 16th annual International Conference of Education, Research and Innovation, 13-15 November, 2023, Seville, Spain. ISBN: 978-84-09-55942-8. ISSN: 2340-1095. doi:10.21125/iceri.2023.0564.

Kulička, J. SUSTAINABILITY IN THE TEACHING OF APPLIED MATHEMATICS, ICERI2023 Proceedings, pp. 1949-1954. 16th annual International Conference of Education, Research and Innovation, 13-15 November, 2023, Seville, Spain. ISBN: 978-84-09-55942-8. ISSN: 2340-1095. doi: 10.21125/iceri.2023.0563

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Veletrh nápadů učitelů fyziky 14. Brno, Masarykova Univerzita, 25. – 27. srpna 2009.

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Year 2010:

Theoretical and Practical Issues in Transport. Pardubice, 11. – 12. 2. 2010. University of Pardubice, Jan Perner Transport Faculty.

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Year 2014:

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Year 2015:

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Date: NOV 16-20, 2015.

Year 2016:

8th International Conference on Education and New Learning Technologies (EDULEARN) Location: Barcelona, SPAIN Date: JUL 04-06, 2016.

9th Annual International Conference of Education, Research and Innovation (ICERI) Location: Seville, SPAIN Date: NOV 14-16, 2016.

Year 2019:

12th Annual International Conference of Education, Research and Innovation (ICERI) Location: Seville, SPAIN Date: NOV 11-13, 2019.

Year 2022:

Transport Means – 26th International Conference. Location: Kaunas, Lithuania. October 2022.

Year 2023:

INTEND2023. 17th International Technology, Education and Development Conference, Valencia, Spain. 6-8 March.

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