

Цитирания на проф. д-р Петър Апостолов

В справката са включени 45 цитирания (без самоцитирания) за периода 2011 – 2021г., от тях 28 цитирания в Scopus. За периода 2016-2021 г. 23 цитирания в Scopus.

Цитирания научни издания, реферирани и индексирани в световноизвестни бази данни с научна информация или в монографии и колективни томовете.

Apostolov, P. S. Method for FIR filter design with compressed cosine using Chebyshev's norm. *Signal Processing Elsevier*, Vol. 91, Issue 11, pp. 2589-2594, Nov.2011. Цитирана в:

1. Zhang Yan. Recognition System of Coal and Rock on Mechanized Coal Mining Face. *Advances in information Sciences and Service Sciences (AISS)*, Volume 4, Issue 8, May 2012, pp. 101-107.
2. Callegaria S., Federico Bizzarrib. Optimal design of the noise transfer function of $\Delta\Sigma$ modulators: IIR strategies, FIR strategies, FIR strategies with preassigned poles, *Signal Processing*, Feb. 2015 – Elsevier, pp. 117–130.
3. Zhang, Z., Moore, J.C. Mathematical and Physical Fundamentals of Climate Change, book 2014, Elsevier press, pp. 108-111.
4. Dimitar G. Valchev, Saroj R. Tripathi , Signal Windowing in Terahertz Time-Domain Spectroscopy, *Proceedings of the 76th Autumn Meeting of the Japan Society for Applied Physics (2015 Nagoya International Congress Center)*, pp. 15p-2E-5
5. M. F. Karakaş and F. Latifoğlu, "Finite Impulse Response Filter Design Using Squirrel Search Algorithm," 2020 Medical Technologies Congress (TIPTEKNO), Antalya, 2020, pp. 1-4, doi: 10.1109/TIPTEKNO50054.2020.9299250
6. Mateusz Saków, Krzysztof Marchelek, Design and optimisation of regression-type small phase shift FIR filters and FIR-based differentiators with optimal local response in LS-sense, *Mechanical Systems and Signal Processing*, Volume 152, 2021, 107408, ISSN 0888-3270

Apostolov, P. S. Linear Equidistant Antenna Array with Improved Selectivity, *IEEE Transaction on Antennas and propagation*, Vol.59, Issue10, pp.3940-3943, Aug. 2011. Цитирана в:

7. Miller, Edmund K. Synthesizing Linear-Array Patterns via Matrix Computation of Element Currents. *Antennas and Propagation Magazine, IEEE* (Volume: 55, October, 2013), pp. 85-96.
8. Miller, Edmund K. Synthesis of Dolph-Chebyshev Like Patterns from Non-Uniform, Non-Linear and Randomized Arrays, *Progress In Electromagnetics Research B*, Vol. 82, 17{30, 2018, pp. 17-29.
9. Nedyalkov, I., Stefanov, A., Georgiev, G., Application of technologies from telecommunication networks for the protection of data generated from power electronic devices, 2020, PCIM Europe Conference Proceedings, 1, pp. 1157-1164.

Apostolov P. Three-element broadband narrow beam without side lobes array antenna, *IET Microw. Antennas Propag.*, 2016, 10, (11), pp. 1212-1217. Цитирана в:

10. Shuang Ma; Shao-Qing Zhang ; Lei-Qiang Ma; Fan-Yi Meng; Daniel Erni ; Lei Zhu 6 ; Jia-Hui Fu; Qun Wu. Compact Planar Array Antenna with Electrically Beam Steering from Backfire to Endfire Based on Liquid Crystal, IET Microwaves Antennas & Propagation, Volume 12, Issue 7, 13 June 2018, p. 1140 – 1146.
11. Dang, T., Zheng, H., Cui, W., Wang, L., Wang, G., Element and phased array of ultra-wideband antenna fed by gradient Barron. 2018, Dianbo Kexue Xuebao/Chinese Journal of Radio Science, pp. 357-364.
12. Ivan Nedyalkov, Studying the Traffic Flow between a Modeled and a Real IP Network, Conference: 2019 X National Conference with International Participation (ELECTRONICA), pp 1-4.
13. Ivan Nedyalkov, Studying of a Modeled IP – Based Network Using Different Dynamic Routing Protocols, Proc. X National Conference with International Participation Conference "Electronica 2019", May 16 - 17, 2019, Sofia, Bulgaria, pp. 1-4.
14. Nedyalkov, A. Stefanov and G. Georgiev, "Application of technologies from telecommunication networks for the protection of data generated from power electronic devices," PCIM Europe digital days 2020; International Exhibition and Conference for Power Electronics, Intelligent Motion, Renewable Energy and Energy Management, 2020, pp. 1-8.

Apostolov P., Antenna Array Synthesis, Using Method of Compressed Cosines, PIERS Proceedings, 2013. Цитирана в:

15. Ivan Nedyalkov, Alexey Stefanov, Georgi Georgiev. E-Learning on Wireless Telecommunication Networks, 2018 IX National Conference with International Participation (ELECTRONICA).

Apostolov P., A Study of Filters Selectivity with Maximally Flat Responses with Respect to Hausdorff Distance, 2018 IX National Conference with International Participation (ELECTRONICA). Цитирана в:

16. Ivan Nedyalkov, Studying the Traffic Flow between a Modeled and a Real IP Network, Conference: 2019 X National Conference with International Participation (ELECTRONICA).

Apostolov P., B. Yourukov, A. Stefanov. An Easy and Efficient Method for Synthesizing Two-Dimensional Finite Impulse Response Filters with Improved Selectivity [Tips & Tricks], IEEE Signal Processing Magazine, sept. 2017, pp.180-183. Цитирана в:

17. Ivan Nedyalkov, Studying of a Modeled IP – Based Network Using Different Dynamic Routing Protocols, Proc. X National Conference with International Participation Conference "Electronica 2019", May 16 - 17, 2019, Sofia, Bulgaria, pp. 1-4.
18. Andonova, S.A., Mathematical approach to sifting significant technological factors into the sewing industry, 2020, Bulgarian Chemical Communications, 52, pp. 165-168
19. Weiqi Li, Hao Wang, Xinmin Cheng, Chunsheng Guo. "Coefficients Quantization for Separable Two-Dimensional FIR Filter", IEEJ, Transactions on Electrical and Electronic Engineering, Volume16, Issue3, March 2021, Pages 419-425.
20. S. Kumar, R. Singh, A Comprehensive Review and Analysis on Digital Filter Design, International Journal of Advanced Research in Engineering and Technology (IJARET) Volume 12, Issue 1, January 2021, pp. 1131-1149.

Peter Apostolov ; Alexey Stefanov ; Ivan Nedialkov. Efficient Two Dimensional Filter Synthesis, 2018 26th Telecommunications Forum (TELFOR), 20-21 Nov. 2018, Belgrade, Serbia, pp. 1-4. Цитирана в:

21. Fatima Sapundzhi, Metodi Popstoilov. C # implementation of the maximum flow problem, 2019 27th National Conference with International Participation (TELECOM), 30-31 Oct. 2019, Sofia, pp. 62-65.
22. G. P. Cherneva, "Control of the Chaotic Processes in Chaos Shift Keying Communication System," 2019 27th National Conference with International Participation (TELECOM), Sofia, Bulgaria, 2019, pp. 1-3.
23. S. Kumar, R. Singh, A Comprehensive Review and Analysis on Digital Filter Design, International Journal of Advanced Research in Engineering and Technology (IJARET) Volume 12, Issue 1, January 2021, pp. 1131-1149.

Peter Apostolov, Alexey Stefanov, Snezhina Andonova. Application of Hausdorff Window for Array Antennas design, Conference: 2019 27th National Conference with International Participation (TELECOM). Цитирана в:

24. Fatima Sapundzhi, Tatyana A. Dzimbova MODELLING OF THE STRUCTURE-ACTIVITY RELATIONSHIPS OF CBR 2, Journal of Chemical Technology and Metallurgy, 55, 4, 2020, 709-713.
25. Sapundzhi, F., [Slavov, V.](#), RMSD calculations and computer modelling of protein structures, Journal of Chemical Technology and Metallurgy, 55(5), pp. 935-938.
26. Fatima Sapundzhi, Tatyana A. Dzimbova , A computational study of cannabinoid receptors and cannabinoid ligands, Journal of Chemical Technology and Metallurgy, 55, 4, 2020, 959-964.
27. I. Nedyalkov, "An original and simple method for studying the performance of a VoIP network," 2020 XI National Conference with International Participation (ELECTRONICA), 2020, pp. 1-4.

P. Apostolov, B. Yurukov and A. Stefanov, "Efficient Three-Element Binomial Array Antenna," 2019 Photonics & Electromagnetics Research Symposium - Spring (PIERS-Spring), 2019, pp. 4127-4131. Цитирана в:

28. Ivan Nedyalkov, "An original and simple method for studying the performance of a VoIP network", International Participation (ELECTRONICA) 2020 XI National Conference with, pp. 1-4, 2020.

Цитирания в нереферирани списания с научно рецензиране:

Апостолов, П. С. Апроксимации с компресирани косинуси и техни приложения, монография, Академично издателство „Проф. Марин Дринов“, София 2012, 200 стр. ISBN: 978-954-322-542-2. Цитирана в:

29. Харлов, Б. Широколентови комуникационни системи за кабелна телевизия. Лакспринт, Пловдив, С. 2015, с. 276. ISBN 978-619-189-012-5
30. Наградени учени и научни трудове в конкурса на СУБ през 2014 г. за високи научни постижения. Наука бр. 6, 2014, с. 21.

Apostolov, P. S. Application of Hausdorff's Window Function by FIR Filters Synthesis, ICEST 2008, Serbia, Nis, 25-27 June. Цитирана в:

31. Naydenov B., G. Marinova, V. Markova, "Investigation into filter with Hausdorff's weighted window function designed for wideband channels", Proc. XLVI intern. Conf. ICEST'2011, Nish, Yugoslavia, 29 June-1 July, 2011, pp. 665 – 667

Apostolov, P. S. Method for FIR filter design with compressed cosine using Chebyshev's norm. Signal Processing Elsevier, Vol. 91, Issue 11, pp. 2589-2594, Nov.2011. Цитирана в:

32. Boudjelaba, M. Kamal. Contribution à la conception des filtres bidimensionnels non récurrents en utilisant les techniques de l'intelligence artificielle : application au traitement d'images. Thèse présentée pour l'obtention du diplôme de doctorat en sciences en électronique, Université Ferhat Abbas – Sétif – 1, Algérie, Juin, 2014, p. 22.
 33. W Dai, C Qiao, Y Wang, C Zhou, Linear-phase FIR filter design based on the weighted L_2 norm. Conference: 2015 2nd International Conference on Wireless Communication and Sensor Network (WCSN 2015) pp. 934-942 DOI: 10.1142/9789813140011_0109
 34. Dimitar G. Valchev, Saroj R. Tripathi , Signal Windowing in Terahertz Time-Domain Spectroscopy, Proceedings of the 76th Autumn Meeting of the Japan Society for Applied Physics (2015 Nagoya International Congress Center), pp. 15p-2E-5
- Apostolov, P. S. Linear Equidistant Antenna Array with Improved Selectivity, IEEE Transaction on Antennas and Propagation, Vol.59, Issue10, pp.3940-3943, Aug. 2011. Цитирана в:
35. Mishra, Nipun K. Linear Chebyshev Array of Cylindrical Dielectric Resonator Antenna, IUP Journal of Telecommunications. Aug 2018, Vol. 10 Issue 3, p 40-50. 11p.
- I. Nedyalkov, A. Stefanov, and P. Apostolov, —Modeling of the convergence time of an IP - based network with different traffic loads, in IEEE EUROCON 2019 -18th International Conference on Smart Technologies. IEEE, July 2019. Цитирана в:
36. Willian Dimitrov, Study of the Imbalance and Disproportions the Opposition of Cyber Defense Against Hackers, CONFSEC 2019, pp. 99-102.
- P. Appostolov, Hausdorff-filters, PhD Thesis, Department of Radio-Electronic, TU, Sofia, (2005) (in Bulgarian). Цитирана в:
37. Nikolay Kyurkchiev, Geno Nikolov, Comments on Some New Classes of Sigmoidal and Activation functions. Applications, Dynamic Systems and Applications, 28, No. 4 (2019), 789-808, ISSN: 1056-2176 Scopus, IF 0.730
 38. Nikolay Kyurkchiev, Andrey Andreev, Approximation and Antenna and Filter Synthesis: Some Moduli in Programming Environment MATHEMATICA, Publisher: LAP Lambert Academic Publishing, ISBN: 978-3-659-53322-8, April 2014.
 39. Nikolay Kyurkchiev, Selected Topics in Mathematical Modeling: Some New Trends. Dedicated to Academician Blagovest Sendov (1932-2020), Publisher: LAP LAMBERT Academic Publishing, ISBN: 978-620-2-51403-3, March 2020.
- P. Appostolov, General theory, approximation method and design of electrical filters based on Hausdorff polynomials, Mechanics, Transport, Communications, 2007, pp. 1-8. Цитирана в:
40. Nikolay Kyurkchiev, Geno Nikolov, Comments on Some New Classes of Sigmoidal and Activation functions. Applications, Dynamic Systems and Applications, 28, No. 4 (2019), 789-808, ISSN: 1056-2176 Scopus, IF 0.730
 41. Nikolay Kyurkchiev, Andrey Andreev, Approximation and Antenna and Filter Synthesis: Some Moduli in Programming Environment MATHEMATICA, Publisher: LAP Lambert Academic Publishing, ISBN: 978-3-659-53322-8, April 2014.
 42. Nikolay Kyurkchiev, Selected Topics in Mathematical Modeling: Some New Trends. Dedicated to Academician Blagovest Sendov (1932-2020), Publisher: LAP LAMBERT Academic Publishing, ISBN: 978-620-2-51403-3, March 2020.
- P. Appostolov, A new theoretical model for synthesis of linear phase digital filters with finite impulse characteristics, Mechanics, Transport, Communications, 2008. Цитирана в:
43. Nikolay Kyurkchiev, Andrey Andreev, Approximation and Antenna and Filter Synthesis: Some Moduli in Programming Environment MATHEMATICA, Publisher: LAP Lambert Academic Publishing, ISBN: 978-3-659-53322-8, April 2014.

P. Appostolov, A method for improving the selectivity of digital non-recursive filters, Mechanics, Transport, Communications, 2009. Цитирана в:

44. Nikolay Kyurkchiev, Andrey Andreev, Approximation and Antenna and Filter Synthesis: Some Moduli in Programming Environment MATHEMATICA, Publisher: LAP Lambert Academic Publishing, ISBN: 978-3-659-53322-8, April 2014.

Application of Hausdorff weighted functions for synthesis of digital filters with finite impulse characteristics, Electrotechnics and Electronics, 2009, pp. 43-48. Цитирана в:

45. Nikolay Kyurkchiev, Andrey Andreev, Approximation and Antenna and Filter Synthesis: Some Moduli in Programming Environment MATHEMATICA, Publisher: LAP Lambert Academic Publishing, ISBN: 978-3-659-53322-8, April 2014.