

**ЗАБЕЛЯЗАНИ ЦИТАТИ НА НАУЧНИТЕ ПУБЛИКАЦИИ ЗА КОНКУРСА,**

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**On the nonlinear waves in (2+ 1)-dimensional population systems, Jordanov, I. P., Compt. rend Acad. Bulg. Sci., vol. 61, number 3, 307-314, (2008), Acad. Bulg. Sci.:**

1. On the Nonlinear Dynamics of Interacting Populations. Effects of Delay of Populations Substitution, Dimitrova, Z. I., Compt. rend Acad. Bulg. Sci., Vol. 61, number 12, 1541-1548, (2008)
2. Mathematical Epidemiology, K Mihaylov, E Ilieva, M Iliev - Proceedings of International ..., 2015 - search.proquest.com

**Nonlinear waves caused by diffusion of population members, IP Jordanov, Dokladi na B lgarskata akademiâ na naukite 62 (1), 33-40:**

3. Mathematical Epidemiology, K Mihaylov, E Ilieva, M Iliev - Proceedings of International ..., 2015 - search.proquest.com

**Analysis of a Japan government intervention on the domestic agriculture market, Vitanov, N. K., Sakai, K., Jordanov, I. P., Managi, Sh., Demura, K., Physica A: Statistical Mechanics and its Applications, vol. 382, number 1, 330-335, (2007), Elsevier:**

4. On the probability for extreme water levels of the river Elba in Germany, Dimitrova, Z.I., Hoffmann, N.P. s, Compt. rend Acad. Bulg. Sci., Vol. 65, number 2, 153-160, (2012).
5. Investigation of differences in optical phonons modes by principal component analysis, Dimitrova, Z., Gogova, D., Compt. rend Acad. Bulg. Sci., Vol. 63, number 10, 1415-1420, (2010).
6. On the low-dimensional dynamics of blood flow in small peripheral human arteries, Dimitrova, Z.I., Compt. rend Acad. Bulg. Sci., Vol. 63, number 1, 55-60, (2010).
7. Remarks on power spectrum and related multifractality of narrow-band filtered eeg signals, Dojnow, P., Compt. rend Acad. Bulg. Sci., Vol. 62, number 7, 819-824, (2009).
8. Multifractal Analysis of Narrow Band Filtered EEG Signals, P Dojnov, Journal of Theoretical and Applied Mechanics, Vol. 40, Number 3, 2010 - nctam.imbm.bas.bg
9. On the Nonlinear Dynamics of Interacting Populations. Effects of Delay of Populations Substitution, Dimitrova, Z. I., Compt. rend Acad. Bulg. Sci., Vol. 61, number 12, 1541-1548, (2008)

10. An investigation into the weaknesses of the Namibian domestic fresh produce supply chain, TV Sahanga - 196.12.10.103 (2014).

11. Primacy analysis of the system of Bulgarian cities, Dimitrova Z. I., Ausloos M.- arXiv preprint arXiv:1309.0079, 2013 - arxiv.org

12. Changing Agriculture in Japan and Relevant Problems based on Long-term Transition Analysis, F. Ichiminami, EE DINCISOY, -Fan Shunru, 2010, Journal of the Faculty of Environmental Science and Tehnology, Okayama University, Vol. 15, number 1, 1 – 13, ousar.lib.okayama-u.ac.jp

13. Post-disaster grain supply chain resilience with government aid, Y Yang, X Xu, Transportation Research Part E: Logistics and Transportation Review, Volume 76, 139–159, 2015, Elsevier

14. Supplier hoarding, government intervention, and timing for post-disaster crop supply chain recovery, JB Sheu - Transportation Research Part E: Logistics and ..., 2016 - Elsevier

**On Nonlinear Dynamics of Interacting Populations: Coupled Kink Waves in a System of two Populations, Vitanov, N. K., Jordanov, I. P., Dimitrova, Z. I., Communications in Nonlinear Science and Numerical Simulation, vol. 14, number 5, 2379-2388, (2009), Elsevier:**

15. Nonlinear waves in bubbly liquids with consideration for viscosity and heat transfer, N. A. Kudryashov, D. I. Sinelshchikov - Physics Letters, Section A: General, Atomic and Solid State Physics, 374 (19-20), 2011-2016., (2010), Elsevier.

16. Two-patches prey impulsive diffusion periodic predator–prey model, Z Liu, S Zhong, C Yin, W Chen, Communications in Nonlinear Science and Numerical Simulation, vol. 16 (6), 2641-2655, (2011), Elsevier.

17. Monitoring of temperature distribution in living biological tissues via blood perfusion, E Kengne, A Lakhssassi, R Vaillancourt... - The European Physical ..., (2012), Springer.

18. Chaos Analysis and Modeling for Predicting Long-Term Population, C Han-Jun, H Dong-Wei - Information and Computing Science, ..., 2009 - ieeexplore.ieee.org

19. Qualitative Analysis for a Reaction-Diffusion Predator-Prey Model with Disease in the Prey Species, M Qiao, A Liu, U Foryś - Journal of Applied Mathematics, 2014 - hindawi.com

20. Traveling wave solutions of density-dependent nonlinear reaction-diffusion equation via the extended generalized Riccati equation mapping method, E Kengne, M Saydé, FB Hamouda... - The European Physical ..., 2013 - Springer

21. [一类两斑块之间脉冲扩散的捕食-被捕食模型的研究](#)

陈跃良， 滕志东 - 新疆大学学报: 自然科学版, 2012 - cqvip.com

22. A note on solutions of the generalized Fisher equation, Kudryashov, N. A.; Zakharchenko, A. S., APPLIED MATHEMATICS LETTERS Volume: 32 Pages: 53-56 Published: JUN 2014

23. Chaos analysis and modeling for predicting long-term population, Chen, H.-J., Huang, D.-W., 2nd International Conference on Information and Computing Science, ICIC 2009, 3, art. no. 5168878, pp. 357-359, (2009).

24. Qualitative Analysis for a Reaction-Diffusion Predator-Prey Model with Disease in the Prey Species, M Qiao, A Liu, U Foryś - Journal of Applied Mathematics, Volume 2014 (2014), Article ID 236208, 9 pages <http://dx.doi.org/10.1155/2014/236208>

25. Intrinsic classes in the Union of European Football Associations soccer team ranking, M Ausloos - Central European Journal of Physics, Volume 12, Issue 11, 773-779, 2014 - Springer

26. Role of human moving on city spatial evolution, FX Zhao, JJ Wu, HJ Sun, ZY Gao - Physica A: Statistical Mechanics and its Applications, Vol. 419, 642–650, 2015 – Elsevier

27. Fractional Dynamics of Network Growth Constrained by Aging Node Interactions, H Safdari, MZ Kamali, A Shirazi, M Khalighi, G Jafari... - PloS one, 2016 - journals.plos.org

28. Slow-down or speed-up of inter-and intra-cluster diffusion of controversial knowledge in stubborn communities based on a small world network, M. Ausloos - arXiv preprint [arXiv:1506.08378](https://arxiv.org/abs/1506.08378), 2015 - arxiv.org

29. Mathematical Epidemiology, K Mihaylov, E Ilieva, M Iliev - Proceedings of International ..., 2015 - search.proquest.com

30. Analytico-numerical study of bio-heat transfer problems with temperature-dependent perfusion, E Kengne, A Lakhssassi - The European Physical Journal Plus, 2015 - Springer

**On nonlinear population waves, Vitanov, N. K., Jordanov, I.P., Dimitrova, Z. I., Applied Mathematics and Computation, vol. 215, number 8, 2950-2964, (2009), Elsevier:**

31. Two-patches prey impulsive diffusion periodic predator–prey model, Z Liu, S Zhong, C Yin, W Chen - Communications in Nonlinear Science and Simulation, vol. 16 (6), 2641-2655, (2011), Elsevier.

32. Monitoring of temperature distribution in living biological tissues via blood perfusion, E Kengne, A Lakhssassi, R Vaillancourt... - The European Physical ..., 2012 – Springer.

33. Traveling wave solutions of density-dependent nonlinear reaction-diffusion equation via the extended generalized Riccati equation mapping method, E Kengne, M Saydé, FB Hamouda... - The European Physical ..., 2013 - Springer

34. A note on solutions of the generalized Fisher equation, NA Kudryashov, AS Zakharchenko - Applied Mathematics Letters, vol.32 (1), 53-56, (2014), Elsevier.

35. . [一类两斑块之间脉冲扩散的捕食-被捕食模型的研究](#)

陈跃良， 滕志东 - 新疆大学学报: 自然科学版, 2012 - cqvip.com

36. Analytical solutions of the Lorenz system, NA Kudryashov - Regular and Chaotic Dynamics, 2015 , Volume 20, Issue 2, pp 123-133 – Springer

37. Special solutions of a high-order equation for waves in a liquid with gas bubbles NA Kudryashov, DI Sinelshchikov - Regular and Chaotic Dynamics, 2014 Volume 19, Issue 5, pp 576-585- Springer

38. Analytical solutions of the Lorenz system, NA Kudryashov - Regular and Chaotic Dynamics, 2015 – Springer

39. Direct and inverse relationships between Riccati systems coupled with multiplicative terms, Z Navickas, R Vilkas, T Telksnys... - Journal of biological ..., 2016 - Taylor & Francis

40. Mathematical Epidemiology, K Mihaylov, E Ilieva, M Iliev - Proceedings of International ..., 2015 - search.proquest.com

41. Solitary solutions to a relativistic two-body problem, R Marcinkevicius, Z Navickas, M Ragulskis... - Astrophysics and Space ..., 2016 - Springer

**On Nonlinear Waves in the Spatio-Temporal Dynamics of Interacting Populations, Jordanov, I. P., Nikolova, E. V., Journal of Theoretical and Applied Mechanics, vol. 43, number 2, 69-76, (2013), Acad. Bulg. Sci.:**

42. Population dynamics in presence of state dependent fluctuations, N. K. Vitanov, K. N. Vitanov, Computers & Mathematics with Applications, Vol. 68, Issue 9, 2014, 962–971 - Elsevier

43. On systems of interacting populations influenced by multiplicative white noise, N. K. Vitanov, K. N. Vitanov - arXiv preprint arXiv:1311.3567, 2013 - arxiv.org

**Nonlinear coupled kink waves of migration of populations, N Vitanov, IP Jordanov, ZI Dimitrova JDySES 2 (2), 163-174:**

44. Mathematical Epidemiology, K Mihaylov, E Ilieva, M Iliev - Proceedings of International ..., 2015 - search.proquest.com