

2021 - 1

1. Geru, Ion. A possible experimental manifestation of ultra-high energy cosmic metaneutrinos. *Romanian Reports in Physics*. 2021, nr. , 1-5. ISSN 1221-1451.

2020 - 1

2. Geru, Ion. Restoration of the reduced time-reversal symmetry: Six forms of metamatter. *Romanian Journal of Physics*. 2020, nr. 9-10, 1-18. ISSN 1221-146X.

2018 - 12

3. Geru, Ion. Factorization of wigner time-reversal operator and reduction of time-reversal symmetry. *Springer Tracts in Modern Physics*. Vol. 281. 2018. Dusseldorf, Germania. Springer Verlag. 257-282.
4. Geru, Ion. Is there an analogy between jahn-teller effect and an instability of spin populations in kramers clusters with odd number of atoms?. *Springer Tracts in Modern Physics*. Vol. 281. 2018. Dusseldorf, Germania. Springer Verlag. 211-227.
5. Geru, Ion. Kramers trimer clusters and time-reversal symmetry. *Springer Tracts in Modern Physics*. Vol. 281. 2018. Dusseldorf, Germania. Springer Verlag. 143-154.
6. Geru, Ion. Magnetic symmetry point groups. *Springer Tracts in Modern Physics*. Vol. 281. 2018. Dusseldorf, Germania. Springer Verlag. 127-142.
7. Geru, Ion. Non-abelian and abelian symmetry groups containing time-reversal operators. *Springer Tracts in Modern Physics*. Vol. 281. 2018. Dusseldorf, Germania. Springer Verlag. 229-255.
8. Geru, Ion. Preface. *Springer Tracts in Modern Physics*. Vol. 281. 2018. Dusseldorf, Germania. Springer Verlag. VII-XII.
9. Geru, Ion. Time reversal in classical and relativistic physics. *Springer Tracts in Modern Physics*. Vol. 281. 2018. Dusseldorf, Germania. Springer Verlag. 1-31.
10. Geru, Ion. Time reversal in quantum mechanics and quantized field theory. *Springer Tracts in Modern Physics*. Vol. 281. 2018. Dusseldorf, Germania. Springer Verlag. 33-126.

11. Geru, Ion. Time-reversal symmetry of quantum systems with quasi-energy spectrum. *Springer Tracts in Modern Physics*. Vol. 281. 2018. Dusseldorf, Germania. Springer Verlag. 155-171.
12. Geru, Ion. Time-Reversal Symmetry Seven Time-Reversal Operators for Spin Containing Systems. *Springer Tracts in Modern Physics*. Vol. 281. 2018. Dusseldorf, Germania. Springer Verlag. 1-350.
13. Geru, Ion. Time-reversal symmetry violation. *Springer Tracts in Modern Physics*. Vol. 281. 2018. Dusseldorf, Germania. Springer Verlag. 283-321.
14. Geru, Ion. Transformation of antiferromagnetic type of exchange interaction into ferromagnetic one in dimer clusters. *Springer Tracts in Modern Physics*. Vol. 281. 2018. Dusseldorf, Germania. Springer Verlag. 173-209.

2017 - 1

15. Geru, Ion. Molecular photoeffect in single- and multi-wall carbon nanotubes with physisorbed oxygen molecules. *Physics Letters, Section A: General, Atomic and Solid State Physics*. 2017, nr. 48, 4019-4022. ISSN 0375-9601.

2015 - 1

16. Geru, Ion. Bordian, Olga. Culeac, Ion. Turtă, Constantin. Verlan, Victor. Barbă, Alic. Preparation and characterization of CdSe colloidal quantum dots by optical spectroscopy and 2D DOSY NMR. *Proceedings of SPIE - The International Society for Optical Engineering*. Ediția 7, Vol.9258. 2015. Bellingham, Washington. SPIE. 1-8.

2014 - 1

17. Geru, Ion. Non-traditional Approach to Quantum Computing. *Applied Magnetic Resonance*. 2014, nr. , 1427-1439. ISSN 0937-9347, ISSNe 1613-7507.

2011 - 3

18. Geru, Ion. Anomalous behavior of trihomonuclear magnetic clusters due to their four-color symmetry. *Journal of Nanoelectronics and Optoelectronics*. 2011, nr. , 381-392. ISSN 1555-130X.
19. Sachenko, Anatoly. Corbuteag, Dumitru. Kryuchenko, Yurii. Kaganovich, E.. Manoilov, Eduard. Begun, E.. Sreseli, Olga. Geru, Ion. Photoelectric properties of heterostructures with oxide films containing Si(Ge) quantum dots formed by pulsed laser deposition. *Journal of Nanoelectronics and Optoelectronics*. 2011, nr. , 420-426. ISSN 1555-130X.

20. Geru, Ion. Gubceac, Ghenadii. Ignat, Maria I.. Popovici, Eveline N.. Synthesis and physico-chemical properties of mesoporous carbon nanotubes. *Journal of Nanoelectronics and Optoelectronics*. 2011, nr. , 484-490. ISSN 1555-130X.

2009 - 1

21. Corbuteag, Dumitru. Kalytchuk, S.. Geru, Ion. Colloidal CdTe and CdSe quantum dots: Technology of preparing and optical properties. *Journal of Nanoelectronics and Optoelectronics*. 2009, nr. , 174-179. ISSN 1555-130X.

2000 - 1

22. Geru, Ion. Spin level inversion of magnetic dimer clusters at partial time inversion: the theoretical treatment and experimental confirmations. *Applied Magnetic Resonance*. 2000, nr. , 563-569. ISSN 0937-9347, ISSNe 1613-7507.

1996 - 1

23. Pop, Aurel V.. Ilonca, Gheorghe. Ciurchea, D.. Ye, Min. Geru, Ion. Canțer, Valeriu. Pop, Viorel. Todică, Mihai. Deltour, Robert. Effect of Fe substitution on the magnetic and electrical properties of the (Bi_{1.6}Pb_{0.4})(Sr_{1.8}Ba_{0.2})Ca₂(Cu_{1-x}Fe_x)₃O_y superconductor. *Journal of Alloys and Compounds*. 1996, nr. , 116-120. ISSN 0925-8388.

