

Chavdar STOYANOV

LIST OF PUBLICATIONS

May 07, 2021

1 MONOGRAPHS

Or large review paper; According to the status of the journal Physics Reports the following issue has to be interpreted as monographic issue

1. S. Gales, **Ch. STOYANOV**, A. I. Vdovin.

Damping of High - Lying Single - Particle Modes in Spherical Nuclei.

Phys. Rep., **v. C166** (1988) pp. 125-193.

2 Proceedings

1. Editor **Ch. STOYANOV**,

Selected Topics on Nuclear Methods for Non-Nuclear Applications

Heron Press Science, Coronet Books Incorporated, 2007 ISBN 954580209X,
9789545802096 378

2. Editors **Ch. STOYANOV**, N. Janeva

XVIII International School on Nuclear Physics, Neutron Physics and Applications, Varna 21 - 27 September, 2009

Journal of Physics: Conference Series, v. 205, 2010

3. Editors **Ch. STOYANOV**, S Dimitrova

XIX International School on Nuclear Physics, Neutron Physics and

Applications, Varna 1925 September, 2011

Journal of Physics: Conference Series v. 366 (2012)

4. Editors **Ch. STOYANOV**, S Dimitrova, V. Voronov

XX International School on Nuclear Physics, Neutron Physics and Applications, Varna 16-22 September, 2013

Journal of Physics: Conference Series v. 533 (2014)

5. Editors **Ch. STOYANOV**, S Dimitrova, Yu. Penionzhkevich

XXI International School on Nuclear Physics, and Applications & International Symposium on Exotic Nuclei, Varna 6-12 September, 2015

Journal of Physics: Conference Series v. 724 (2016)

3 REVIEW ARTICLES

1. A. I. Vdovin, V. V. Voronov, L. A. Malov, V. G. Soloviev,
Ch. STOYANOV.

Semimicroscopic Description of the Level Density in Complex Nuclei.

Sov. J. Particle and Nuclei, **v. 7** (1976) pp. 952-988.

2. A. I. Vdovin, V. V. Voronov, V. G. Soloviev, **Ch. STOYANOV.**

Quasiparticle - Phonon Nuclear Model. V. Odd Spherical Nuclei.

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3. M. Grinberg, **Ch. STOYANOV**, N. Tsoneva.

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4. N Lo Iudice, V Yu Ponomarev, **Ch STOYANOV**, A V Sushkov and
V V Voronov

Low-energy nuclear spectroscopy in a microscopic multiphonon approach

J. Phys. G: Nucl. Part. Phys., **v. 39** (2012) 043101 (37pp)

5. **Ch. STOYANOV**

QUASIPARTICLES, PHONONS AND BEYOND (NUCLEAR STRUCTURE CALCULATIONS IN A LARGE DOMAIN OF EXCITATION ENERGIES)

Source: ROMANIAN JOURNAL OF PHYSICS **Volume: 58** Issue:
9-10 Pages: 1096-1107 Published: 2013

4 ARTICLES

1. **Ch. STOYANOV**, L. Alexandrov, V. Gadjokov. J. Rad. Chem., **v. 10** (1972) pp. 75 - 81.
2. A. I. Vdovin, **Ch. STOYANOV**, N. Yu. Shirikova.
Low-Lying 2^+ - and 3^- States in Even-Even Spherical Nuclei.
Sov. J. Izv. Akad. Nauk (ser.fiz.) **v. 37** (1973) pp.1543-1550.
3. A. I. Vdovin, **Ch. STOYANOV**.
Coupling of Collective and Quasiparticle Excitations in Even - Even Spherical Nuclei.
Sov. J. Izv. Akad. Nauk. (ser.fiz.) **v. 37** (1973) pp.1750-1760.
4. A. I. Vdovin, G. Kyrchev, **Ch. STOYANOV**.
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5. A. I. Vdovin, V. V. Voronov, L. A. Malov, V. G. Soloviev,
Ch. STOYANOV.

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6. V. G. Soloviev, **Ch. STOYANOV**, A.I.Vdovin.
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7. A. I. Vdovin, **Ch. STOYANOV**.
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Sov. J. Izv. Akad. Nauk (ser.fiz.) **v. 38** (1974) pp. 2604-2690.
8. A. I. Vdovin, **Ch. STOYANOV**.
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9. A. I. Vdovin, V. G. Soloviev, **Ch. STOYANOV**.
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Sov. J. Nucl. Phys., **v. 20** (1974) pp. 1131-1138.
10. A. I. Vdovin, **Ch. STOYANOV**.
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12. G. Kyrchev, V. G. Sloviev, **Ch. STOYANOV**.

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13. V. B. Telitsyn, **Ch. STOYANOV**, A. I. Vdovin.
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14. D. Dambasuren, V. G. Soloviev, **Ch. STOYANOV**, A. I. Vdovin.
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J. Phys. G: Nucl.Phys., **v. 2** (1976) pp.25-31.
15. S. P. Ivanova, A.L. Komov, G. Kyrchev, V. G. Soloviev, **Ch. STOYANOV**.
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16. A. I. Vdovin, D. Dambasuren, V. G. Soloviev, **Ch. STOYANOV**.
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17. V. G. Soloviev, **Ch. STOYANOV**, A. I. Vdovin.
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 Nucl. Phys., **v. A304** (1978) pp. 503-519.
22. V. G. Soloviev, **Ch. STOYANOV**, V. V. Voronov.
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 Phys. Lett., **v. 79B** (1978) pp. 187-189.
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26. A. I. Vdovin, **Ch. STOYANOV**, Chan Zui Khyong.
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