

PUBLICATIONS 2002

Scientific articles

1. I. Fijał, M. Jaskóła, A. Korman, T. Czyżewski, D. Banaś, J. Braziewicz, U. Majewska, W. Kretschmer, and S. Chojnacki
An X-ray method for identification of the atomic number of the accelerated heavy ion beams
Acta Physica Polonica **B33**, 343 (2002)
2. M. Jaskóła, J. Braziewicz, D. Banaś, A. Kubala-Kukuś, U. Majewska, T. Czyżewski, A. Korman, L. Zemło, and S. Góźdź
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3. D. Banaś, M. Pajek, J. Semaniak, J. Braziewicz, A. Kubala-Kukuś, U. Majewska, T. Czyżewski, M. Jaskóła, W. Kretschmer, T. Mukoyama and D. Trautmann
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4. U. Majewska, K. Ślabkowska, M. Polasik, J. Braziewicz, D. Banaś, T. Czyżewski, I. Fijał, M. Jaskóła, A. Korman, and S. Chojnacki
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5. D. Banaś, J. Braziewicz, M. Pajek, J. Semaniak, T. Czyżewski, I. Fijał, M. Jaskóła, W. Kretschmer, T. Mukoyama, and D. Trautmann
The role of multiple ionization and subshell coupling effects in L-shell ionization of Au by oxygen ions
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7. M. Kucharzewski, J. Braziewicz, U. Majewska, and S. Góźdź
The concentration of selenium in whole blood and the thyroid tissue of people with various thyroid disease
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8. A. Neau, A. M. Derkatch, F. Hellberg, S. Rosen, R. Thomas, M. Larsson, N. Djuric, D. Popovic, G. H. Dunn, and J. Semaniak
Resonant ion pair formation of HD+: Absolute cross sections for the H-+D+ channel
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9. M. B. Någård, J. B. C. Pettersson, A. M. Derkatch, A. Al Khalili, A. Neau, S. Rosén, M. Larsson, J. Semaniak, H. Danared, A. Källberg, M. af. Uggla, and F. Österdahl
Dissociative recombination of $D^+(D_2O)_2$ water cluster ions with free electrons
Journal of Chemical Physics **117**, 5264 (2002)
10. S. Kalhori, A. A. Viggiano, S. T. Arnold, S. Rosén, J. Semaniak, A. M. Derkatch, M. af. Uggla, and M. Larsson
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Astronomy and Astrophysics **391**, 1159 (2002)
11. St. Mrówczyński
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12. St. Mrówczyński
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13. A. Okopińska
The Fokker-Planck equation for bistable potential in the optimized expansion
Physical Review **E65**, 062101 (2002)
14. G. Wilk and Z. Włodarczyk
The imprints of nonextensive statistical mechanics in high energy collisions
Chaos, Solitons and Fractals **13**, 581 (2002)
15. G. Wilk and Z. Włodarczyk
Application of nonextensive statistics to particle and nuclear physics
contribution to: *Non Extensive Thermodynamics and physical applications*
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16. M. Rybczynski, G. Wilk and Z. Włodarczyk
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17. A.L.Angelis (Z.Włodarczyk) et al.
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Journal of Physics **G 28**, 19937 (2002)
18. A. Ageev (Z.Włodarczyk) et al.
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19. O.V. Utyuzh, G. Wilk and Z.Włodarczyk
Bose-Einstein Correlations as Reflection of Correlations of Fluctuations
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20. M.M. Aggarwal (G. Stefanek) et al.
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22. M.M. Aggarwal (G. Stefanek) et al.
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24. P. Flin and J. Krywult
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25. J. Krempeć-Krygier, B. Krygier, and J. Krywult
Binary merging clusters in the Hercules Galaxy Supercluster
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26. P. Flin, K. Bajan and W. Godlewski
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27. P. Flin
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The increase of cultural role of astronomy on the edges of centuries,
ed. E.V. Kononovich, p. 8, 2002

Text-books and scripts

1. J. Semaniak i J. Semaniak
Fizyka i astronomia. Program nauczania w zakresie podstawowymi rozszerzonym.
Liceum ogólnokształcące, profilowane i technikum.
MAC Edukacja S.A., Kielce 2002
2. M. Mularczyk, L. Nowak, B. Potocka i J. Semaniak
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3. M. Mularczyk, L. Nowak, B. Potocka i J. Semaniak
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7. A. Okopińska
Optimized Expansion
Tutorial Lectures, Institute of Physics & Applied Physics, Yonsei University, Seul 2002.
8. A. Okopińska i St. Mrówczyński (współautorzy)
Encyklopedia szkolna, fizyka i astronomia
WSiP, Warszawa, 2002

Popular articles

St. Mrówczyński, *Zmarszczki wszechświata*, POLITYKA 2, 12 I 2002

PARTICIPATION IN CONFERENCES[†]

1. M. Pajek, A.Kubala-Kukuś, D. Banaś, J. Braziewicz, and U. Majewska
Random Left-Censoring: a Statistical Approach Accounting for Detection Limits in X-ray Fluorescence Analysis
European Conference on Energy Dispersive X-ray Spectrometry (EDXRS)
June 16-21, Berlin, Germany
2. M. Pajek, A.Kubala-Kukuś, D. Banaś, J. Braziewicz, and U. Majewska
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3. A. Kubala-Kukuś, M. Pajek, D. Banaś, J. Braziewicz, and U. Majewska
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June 24-28, Roma, Italy
4. M. Pajek, D. Banaś, J. Braziewicz, U. Majewska, J. Semaniak, T. Czyżewski, I. Fijał, M. Jaskóła, W. Kretschmer, T. Mukoyama and D. Trautmann
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5. M. Czarnota, D. Banaś, M. Berset, D. Chmielewska, J.- Cl. Dousse, J. Hoszowska, Y.-P. Maillard, O. Mauron, M. Pajek, M. Polasik, P. A. Raboud, J. Rzadkiewicz, K. Słabkowska, and Z. Sujkowski
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July 9-13, Sofia, Bulgaria
6. D. Banaś, M. Pajek, J. Braziewicz, M, Czarnota, I. Fijał, M. Jaskóła, A. Korman, W. Kretschmer, and J. Semaniak
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7. J. Rzadkiewicz, D. Chmielewska, Z. Sujkowski, M. Breset, J.-Cl. Dousse, Y.-P. Maillard, O. Mauron, P. A. Raboud, M. Pajek, M. Polasik, and J. Hoszowska,
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[†] In the case of the works of many authors, the name of the person which presented communicate was underlined.

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September 2-6, Gdańsk, Poland
10. A. Kubala-Kukuś, J. Braziewicz, and M. Pajek
Nonparametric Approach for Comparison of Censored Trace Element Concentrations Measured by Total Reflection X-ray Fluorescence Method
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Exclusive production of the n=2 S-states in He-like uranium
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16. St. Mrówczyński
Event-by-event fluctuations in heavy-ion collisions
INT/RHIC Winter Workshop
Januray 3 - 6, Seattle, USA
17. St. Mrówczyński
Color collective excitations in anisotropic quark-gluon plasma
Workshop 'QCD at RHIC Era'
April - June, Santa Barbara, USA
18. St. Mrówczyński
Color collective excitations in anisotropic quark-gluon plasma
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October 1 - 6, Heidelberg, Germany
19. J. Krywult
Subclustering in Abell clusters
Astronomical School
May 21 -26, Bila Tservka, Ukraine
20. J. Krywult
Distributions of substructures in clusters of galaxies
International Conference 'Chemical and Dynamic Evolution of Stars and Galaxies'
September 19 - 26, Odessa, Ukraine
21. A. Okopińska
Optimized expansion for stochastic processes
Similarity in Diversity
May, Buffalo University, USA
22. A. Okopińska
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July, Bratysława, Słowacja
23. J. Semaniak
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October 21 - 22, Stockholm, Sweden

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Mechanistyczne ujęcie procesów transportu membranowego substancji.
Ogólnopolska konferencja biologia komórki
23-25 września, Wrocław
25. G. Stefanek
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15 - 16 luty, Warszawa
26. T. Kosztołowicz
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27. T. Kosztołowicz
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28. T. Kosztołowicz and K. Dworecki
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September, Zakopane, Poland
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General Conference Trends in Physics
August 26 - 30, Budapest, Hungary
31. U. Majewska, J. Braziewicz, K. Słabkowska, M. Polasik, T. Czyżewski, I. Fijał, M. Jaskółka, A. Korman, S. Chojnacki, W. Kretschmer
*The lifetime of highly excited 4p state of sulphur ions passing through carbon target**
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33. M. Rybczyński, Z. Włodarczyk, G. Wilk

Rapidity Spectra Analysis in Terms of Non Extensive Statistic Approach

XII International Symposium on Very High Energy Cosmic Ray Interactions

July 15 - 20, Geneva, Switzerland