

NONEXTENSIVE STATISTICAL MECHANICS AND THERMODYNAMICS

BIBLIOGRAPHY (regularly updated): <http://tsallis.cat.cbpf.br/biblio.htm>

BOOKS:

Nonextensive Statistical Mechanics and Thermodynamics

Eds. S.R.A. Salinas and C. Tsallis, Brazilian Journal of Physics, **29**, Number 1 (1999)
<http://www.sbf.if.usp.br/bjp/Vol29/Num1/index.htm>

Nonextensive Statistical Mechanics and Its Applications

Eds. S. Abe and Y. Okamoto, Series *Lectures Notes in Physics* (Springer, Berlin, 2001)
<http://link.springer.de/link/service/series/2669/tocs/t1560.htm>

Classical and Quantum Complexity and Nonextensive Thermodynamics

Eds. P. Grigolini, C. Tsallis and B.J. West, Chaos, Solitons and Fractals **13**, Issue 3 (2002)
<http://www.elsevier.nl/inca/publications/store/9/6/7/>

Non Extensive Thermodynamics and Physical Applications

Eds. G. Kaniadakis, M. Lissia and A. Rapisarda, Physica A **305**, Issue 1/2 (2002)
<http://www.elsevier.nl/inca/publications/store/5/0/5/7/0/2/>

Nonextensive Entropy - Interdisciplinary Applications

Eds. M. Gell-Mann and C. Tsallis, Oxford University Press, scheduled for 2003

Anomalous Distributions, Nonlinear Dynamics, and Nonextensivity

Eds. H.L. Swinney and C. Tsallis, Physica D, scheduled for 2003

Extensive and Non-Extensive Entropy and Statistical Mechanics

Ed. M. Sugiyama, Continuum Mechanics and Thermodynamics (Springer), scheduled for 2004

News and Expectations in Thermostatistics

Eds. G. Kaniadakis and M. Lissia, Physica A, scheduled for 2004

Trends and Perspectives on Extensive and Non-Extensive Statistical Mechanics

Eds. E.M.F. Curado, H.J. Herrmann and M. Barbosa, Physica A, scheduled for 2004

MEETINGS (recent and forthcoming):

Interdisciplinary Applications of Ideas from Nonextensive Statistical Mechanics and Thermodynamics

Santa Fe Institute, NM, 8-12 April 2002; Co-chaired by M. Gell-Mann and C. Tsallis
<http://discuss.santafe.edu/nonextensive2001>

Anomalous Distributions, Nonlinear Dynamics, and Nonextensivity

Santa Fe, NM, 6-9 Nov 2002; Co-chaired by A.R. Bishop, H.L. Swinney, C. Tsallis, V.M. Kenkre, R.E. Ecke, E. Ben-Naim and Z. Toroczkai
<http://cnls.lanl.gov/Conferences/AnomalDist/NEXT02.htm>

Quantum Entanglement, Complexity and the Physical Basis for Quantum Computation

Rio de Janeiro, 2-6 December 2002; Co-chaired by C. Tsallis and I.S. Oliveira
<http://www.cbpf.br/q-entanglement/>

NEXT2003: 2nd Sardinian International Conference on News and Expectations in Thermostatistics

Cagliari, 22-28 September 2003; Co-chaired by E.G.D. Cohen, P. Quarati and C. Tsallis
<http://www.ca.infn.it/~lissia/next2003.html>

Trends and Perspectives on Extensive and Non-Extensive Statistical Mechanics

Angra dos Reis, 19-21 November 2003; Co-chaired by E.M.F. Curado and H.J. Herrmann
<http://www.cbpf.br/~trends/>

International Workshop on Self-Organization, Metastability and Nonextensivity

Erice, 14-20 July 2004; Co-chaired by A. Rapisarda and C. Tsallis (pending confirmation)

LIGHT READING:

Article by Rex Graham for the Santa Fe Institute Bulletin (Fall 2000)

<http://www.santafe.edu/sfi/publications/Bulletins/bulletinFall00/features/tsallis.html>