

# Communications in Mathematical Physics

Volume 174 Number 1 1995

- Yu. M. Zinoviev Equivalence of Euclidean and Wightman Field Theories 1
- K. Liu Modular Invariance and Characteristic Numbers 29
- Yu. Baryshnikov Complexity of Trajectories in Rectangular Billiards 43
- G. Barnich, F. Brandt, M. Henneaux Local BRST Cohomology in the Antifield Formalism: I. General Theorems 57
- G. Barnich, F. Brandt, M. Henneaux Local BRST Cohomology in the Antifield Formalism: II. Application to Yang-Mills Theory 93
- W. Eholzer, N.-P. Skoruppa Modular Invariance and Uniqueness of Conformal Characters 117
- D. Franco, C. Reina The Geometry of the Quantum Correction for Topological  $\sigma$ -Models 137
- A. Hof, O. Knill, B. Simon Singular Continuous Spectrum for Palindromic Schrödinger Operators 149
- D. Fried Meromorphic Zeta Functions for Analytic Flows 161
- F. H. L. Eßler, H. Frahm, A. G. Izergin, V. E. Korepin Determinant Representation for Correlation Functions of Spin-1/2 XXX and XXZ Heisenberg Magnets 191
- G. M. Graf, D. Schenker On the Molecular Limit of Coulomb Gases 215

Indexed in *Current Contents*

Abstracted/Indexed in

*MATH Database*

*Zentralblatt für Mathematik*,

Evaluated and abstracted for *PHYS* on *STN*

CMPHAY 174 (1) 1–228

November (II) 1995



Springer



# Springer L<sup>A</sup>T<sub>E</sub>X and plain-T<sub>E</sub>X macros

We can use your T<sub>E</sub>X files directly for phototypesetting if you have used our macros. Makropackages are available for the following journals:

***L*Journal** L<sup>A</sup>T<sub>E</sub>X styles for Acta Informatica, Applicable Algebra in Engineering, Communication and Computing, Archive for Mathematical Logic, Astronomy & Astrophysics Reviews, Calculus of Variations, Communications in Mathematical Physics, Continuum Mechanics and Thermodynamics, Economic Theory, Inventiones mathematicae, Journal of Evolutionary Economics, Journal of Mathematical Biology, Manuscripta mathematica, Mathematische Annalen, Mathematische Semesterberichte, Mathematische Zeitschrift, Numerische Mathematik, Probability Theory and Related Fields, Statistical papers, Theoretica Chimica Acta

***P*Journal** global plain T<sub>E</sub>X packages for all journals mentioned above; ***P*Journal 1** may also still be used. All packages are available via mailserver, FTP server or on DOS diskettes.

## Mailserver

Send an e-mail message to [svserv@vax.ntp.springer.de](mailto:svserv@vax.ntp.springer.de) which must contain one (several) of the following commands:

***L*Journal** `get /tex/latex/ljournal.zip`

***P*Journal** `get /tex/plain/pjournalg.zip`

In order to be transmitted ungarbled via the net, the files are pkzipped and unencoded. The line `get /tex/help-tex.txt` in your e-mail to `svserv` will send you a file explaining how to unpack the files you receive.

Please do not send regular e-mail to this address.

## FTP server

The internet address is 192.129.24.12 ([trick.ntp.springer.de](http://trick.ntp.springer.de)) The username is FTP or ANONYMOUS and the files are in the directory `/pub/tex`

## Diskettes

To get the macro files and the AMS fonts (when needed) on 3.5" DOS diskettes please write to:

Springer-Verlag, Journal Production,  
Tiergartenstr. 17

D-69121 Heidelberg, Germany

e-mail: [springer@vax.ntp.springer.de](mailto:springer@vax.ntp.springer.de)

FAX number: x 49 6221 487625

Please indicate clearly which macro package you need and the journal for which your paper is intended.

**Use our L<sup>A</sup>T<sub>E</sub>X and plain-T<sub>E</sub>X macros to prepare your article for this and for other Springer journals.**