

Communications in  
**Mathematical  
 Physics**

Volume 162 Number 2 1994

- N. C. Tsamis, R. P. Woodard The Structure of Perturbative Quantum Gravity on a de Sitter Background 217
- Z. Jian On the Finite-Time Behaviour for Nonlinear Schrödinger Equations 249
- T. Takagi A Generalized Simple Random Walk in One Dimension Related to the Gaussian Polynomials 261
- K. Fujii Ferretti-Rajeev Term and Homotopy Theory 273
- R. K. Kaul Chern-Simons Theory, Coloured-Oriented Braids and Link Invariants 289
- T. Matsui Purification and Uniqueness of Quantum Gibbs States 321
- L. M. Sibner, J. Talvacchia The Existence of Non-Minimal Solutions of the Yang-Mills-Higgs Equations over  $F^3$  with Arbitrary Positive Coupling Constant 333
- F. M. Comets Erdős-Rényi Laws for Gibbs Measures 353
- H. P. Künzle Analysis of the Static Spherically Symmetric  $SU(n)$ -Einstein-Yang-Mills Equations 371
- L. Fehér, L. O'Rai feartaigh, P. Ruelle, I. Tsutsui On the Completeness of the Set of Classical  $\mathcal{W}$ -Algebras Obtained from DS Reductions 399

Indexed in *Current Contents*

Evaluated and abstracted for *PHYS* on *STN*

CMPHAY 162 (2) 217-432

May (I) 1994



Springer International



# 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*Jour1** 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*Jour1g** global plain T<sub>E</sub>X packages for all journals mentioned above; ***P*Jour 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` which must contain one (several) of the following commands:

***L*Jour1** `get /tex/latex/ljour1.zip`  
***P*Jour1g** `get /tex/plain/pjour1g.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`) 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`  
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.**