

# Communications in Mathematical Physics

Volume 163 Number 1 1994

- G. Boling, T. Shaubin Long Time Behavior for the Equation of Finite-Depth Fluids 1
- S. Chemla, J. Kalkman BRST Cohomology for Certain Reducible Topological Symmetries 17
- C. A. Tracy, H. Widom Fredholm Determinants, Differential Equations and Matrix Models 33
- A. Verjovsky, R. F. Vila Freyer The Jones-Witten Invariant for Flows on a 3-Dimensional Manifold 73
- A. D. Rendall The Newtonian Limit for Asymptotically Flat Solutions of the Vlasov-Einstein System 89
- J.-S. Park  $N = 2$  Topological Yang-Mills Theory on Compact Kähler Surfaces 113
- P. Breitenlohner, P. Forgács, D. Maison Static Spherically Symmetric Solutions of the Einstein-Yang-Mills Equations 141
- B. Feigin, V. Schechtman, A. Varchenko On Algebraic Equations Satisfied by Hypergeometric Correlators in WZW Models. I. 173
- M. Hoffmann-Ostenhof, T. Hoffmann-Ostenhof, H. Stremnitzer Local Properties of Coulombic Wave Functions 185

Indexed in *Current Contents*

Evaluated and abstracted for *PHYS* on *STN*

CMPHAY 163 (1) 1-216

June (I) 1994



Springer International



# Springer $\text{\LaTeX}$ and plain- $\text{\TeX}$ macros

We can use your  $\text{\TeX}$  files directly for phototypesetting if you have used our macros. Makropackages are available for the following journals:

***L*Journal**  $\text{\LaTeX}$  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  $\text{\TeX}$  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` 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 uuencoded. 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  $\text{\LaTeX}$  and plain- $\text{\TeX}$  macros to prepare your article for this and for other Springer journals.**