

Communications in
**Mathematical
 Physics**

Volume 165 Number 3 1994

- P. I. Etingof, I. B. Frenkel Central Extensions of Current Groups
 in Two Dimensions 429
- D. E. Evans, Y. Kawahigashi Orbifold Subfactors from Hecke Algebras 445
- Y. Zhu Global Vertex Operators on Riemann Surfaces 485
- S. Kato R-Matrix Arising from Affine Hecke Algebras and its
 Application to Macdonald's Difference Operators 533
- J. Beck Braid Group Action and Quantum Affine Algebras 555
- C. King Resonant Decay of a Two State Atom Interacting with a
 Massless Non-Relativistic Quantised Scalar Field 569
- P. J. Fitzsimmons, Transition Density Estimates for Brownian Motion
 B. M. Hambly, T. Kumagai on Affine Nested Fractals 595
- P. M. Bleher Semiclassical Quantization Rules Near Separatrices 621
- Contents of Volume 165 I

Indexed in *Current Contents*
 Evaluated and abstracted for *PHYS* on *STN*
 CMPHAY 165 (3) 429-640
 October (III) 1994



Springer International



Springer L^AT_EX and plain-T_EX macros

We can use your T_EX files directly for phototypesetting if you have used our macros. Makropackages are available for the following journals:

LJour1 L^AT_EX 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

PJour1g global plain T_EX packages for all journals mentioned above; ***PJour 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:

LJour1 `get /tex/latex/ljour1.zip`
PJour1g `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](ftp://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^AT_EX and plain-T_EX macros to prepare your article for this and for other Springer journals.