

MATHEMATICAL RESEARCH LETTERS

CONTENTS

Volume 4, Numbers 2-3

March-May 1997

D. Arinkin and S. Lysenko , <i>Isomorphisms between moduli spaces of $SL(2)$-bundles with connections on $\mathbb{P}^1 \setminus \{x_1, \dots, x_4\}$</i>	181
A. Polishchuk , <i>Perverse sheaves on a triangulated space</i>	191
Richard Stong , <i>Diskbusting elements of the free group</i>	201
Alexandru Buium and Anand Pillay , <i>A gap theorem for Abelian varieties over differential fields</i>	211
William P. Minicozzi II and Christopher D. Sogge , <i>Negative results for Nikodym maximal functions and related oscillatory integrals in curved space</i> ..	221
Sergei Khoroshkin and Vadim Schechtman , <i>Factorizable \mathcal{D}-modules</i>	239
Misha Verbitsky , <i>Desingularization of singular hyperkähler varieties I</i>	259
Matthias Strauch and Yuri Tschinkel , <i>Height Zeta functions of twisted products</i>	273
Peter Teichner , <i>Maximal nilpotent quotients of 3-manifold groups</i>	283
Dinakar Ramakrishnan , <i>On the coefficients of cusp forms</i>	295
L. Nedelec , <i>Asymptotique du nombre de résonances de l'opérateur de Schrödinger avec potentiel linéaire et matriciel</i>	309
Doron Levy and Eitan Tadmor , <i>Non-oscillatory central schemes for the incompressible 2-D Euler equations</i>	321
Efstratia Kalfagianni , <i>Homology spheres with the same finite type invariants of bounded orders</i>	341
Alexander Kuznetsov , <i>Laumon's resolution of Drinfeld's compactification is small</i>	349
Feng Luo , <i>On Heegaard diagrams</i>	365
Daniel Ruberman and Ronald J. Stern , <i>A fake smooth $\mathbb{C}P^2 \# \mathbb{R}P^4$</i>	375
Bang-He Li and Tian-Jun Li , <i>Minimal genus embeddings in S^2-bundles over surfaces</i>	379
Peter W. Jones and Paul F. X. Müller , <i>Radial variation of Bloch functions</i> ...	395
Nicola Arcozzi and Xinwei Li , <i>Riesz transforms on spheres</i>	401
Pavel Etingof, Israel Gelfand, and Vladimir Retakh , <i>Factorization of differential operators, quasideterminants, and nonabelian Toda field equations</i>	413
Dan Abramovich and Jianhua Wang , <i>Equivariant resolution of singularities in characteristic 0</i>	427
Jeffrey Hoffstein and Wenzhi Luo , <i>Nonvanishing of L-Series and the combinatorial sieve</i>	435
David E. Rohrlich , <i>Appendix: Unboundedness of the Tate-Shafarevich group in families of quadratic twists</i>	443