

MATHEMATICAL RESEARCH LETTERS

CONTENTS

Volume 12, Number 2-3

January 2005

P. Etingof and M. Graña , <i>Quantization of non-unitary geometric classical r-matrices</i>	141
Minhyong Kim and Richard M. Hain , <i>The Hyodo-Kato theorem for rational homotopy types</i>	155
Jun Kato , <i>Existence and uniqueness of the solution to the modified Schrödinger map</i>	171
David Damanik and Rowan Killip , <i>Ergodic potentials with a discontinuous sampling function are non-deterministic</i>	187
Alexandru D. Ionescu and Carlos E. Kenig , <i>Well-posedness and local smoothing of solutions of Schrödinger equations</i>	193
Kenji Matsuki and Martin Olsson , <i>Kawamata–Viehweg vanishing as Kodaira vanishing for stacks</i>	207
Yu Yan , <i>The existence of horizons in an asymptotically flat 3-manifold</i>	219
Stanislav Hencl, Pekka Koskela and Jani Onninen , <i>A note on extremal mappings of finite distortion</i>	231
Gopal Prasad and Andrei S. Rapinchuk , <i>Zariski-dense subgroups and transcendental number theory</i>	239
Misha Verbitsky , <i>Stable bundles on positive principal elliptic fibrations</i>	251
Franz Forstnerič and Jörg Winkelmann , <i>Holomorphic discs with dense images</i>	265
Robert S. Strichartz , <i>Laplacians on fractals with spectral gaps have nicer Fourier series</i>	269
I. Horozov , <i>Euler characteristics of arithmetic groups</i>	275
Benson Farb and Nikolai V. Ivanov , <i>The Torelli geometry and its applications</i>	293
Kiran S. Kedlaya , <i>Frobenius modules and de Jong’s theorem</i>	303
Ruth Charney and John Crisp , <i>Automorphism groups of some affine and finite type Artin groups</i>	321
Mustafa Korkmaz , <i>On stable torsion length of a Dehn twist</i>	335
Dragomir Ž. Đoković and Kaiming Zhao , <i>Jordan decomposition of bilinear forms</i>	341
J. Colliander, S. Raynor, C. Sulem, and J. D. Wright , <i>Ground state mass concentration in the L^2-critical nonlinear Schrödinger equation below H^1</i>	357
Stefano Galatolo , <i>Dimension via waiting time and recurrence</i>	377
Marian Aprodu , <i>Remarks on syzygies of d-gonal curves</i>	387
L. Boutet de Monvel , <i>Logarithmic trace of toeplitz projectors</i>	401
Qiao Zhang , <i>On the cubic moment of quadratic dirichlet L-functions</i>	413
Victoria Sadovskaya , <i>On uniformly quasiconformal anosov systems</i>	425