

ANNALS OF MATHEMATICS

Accepted Papers (2007)

Author(s)	Title	Date submitted / accepted
Arezzo, C. and Pacard, F.	“Blowing up Kähler manifolds with constant curvature II” (47 pp.)	4-22-2005 / 1-5-2007
Berndtsson, Bo	“Curvature of vector bundles associated to holomorphic fibrations” (30 pp.)	5-25-2005 / 1-5-2007
Rains, E.	“Transformations of elliptic hypergeometric integrals” (59 pp.)	4-21-2005 / 1-5-2007
Cortiñas, G., Haesemeyer, C., Schlichting, M., and Weibel, C.	“Cyclic homology, <i>cdh</i> -cohomology and and negative <i>K</i> -theory” (25 pp.)	3-3-2005 / 1-16/2007 <b>(March 2008)</b>
Schramm, O. and Steif, J.E.	“Quantitative noise sensitivity and exceptional times for percolation” (64 pp.)	5-4-2005 / 1-16-2007
Böhm, C. and Wilking, C.	“Manifolds with positive curvature operators are space forms” (19 pp.)	2-14-2006 / 1-19-2007 <b>(May 2008)</b>
Tao, T. and Vu, V.H.	“Inverse Littlewood-Offord theorems and the condition number of random discrete matrices” (37 pp.)	11-8-2005 / 1-19-2007
Enriquez, B. and Halbout, G.	“Quantization of coboundary Lie bialgebras” (49 pp.)	10-5-2006 / 1-22-2007
Green, B. and Sanders, B.	“A quantitative version of the idempotent theorem in harmonic analysis” (27 pp.)	12-1-2006 / 1-22-2007
Bernard, P. and Contreras, G.	“A generic property of families of Lagrangian systems” (10 pp.)	2-22-2006 / 1-26-2007 <b>(May 2008)</b>
Farb, B. and Weinberger, S.	“Isometries, rigidity, and universal covers” (25 pp.)	7-18-2005 / 1-26-2007
Fernandez, M. and Muñoz, V.	“An 8-dimensional non-formal simply connected symplectic manifold” (10 pp.)	5-4-2005 / 1-26-2007 <b>(May 2008)</b>
Musin, O.R.	“The kissing number in four dimensions” (32 pp.)	11-3-2003 / 1-26-2007

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Hingston, H.	“Subharmonic solutions of Hamiltonian equations on tori” (33 pp.)	8-23-2004 / 2-6-2007
Le Roux, F.	“Un indice qui affine l’indice de Poincaré-Lefschetz pour les homéomorphismes de surfaces” (43 pp.)	10-19-2005 / 2-7-2007
Lee, Y.-P., Lin, H.-W. and Wang, C.-L.	“Flops, motives and invariance of quantum rings” (42 pp.)	6-30-2006 / 2-13-2007
Bringmann, K. and Ono, K.	“Dyson’s ranks and Maass forms” (30 pp.)	10-10-2005 / 2-22-2007
Kahn, J. and Lyubich, M.	“The quasi-additivity law in conformal geometry” (36 pp.)	8-1-2005 / 2-22-2007
Chinburg, T., Pappas, G., and Taylor, M.J.	“Cubic structures, equivariant Euler characteristics and lattices of modular forms” (40 pp.)	11-18-2004 / 2-27-2007
Erdős, L., Schlein, B., and Yau, H.-T.	“Derivation of the Gross-Pitaevskii equation for the dynamics of Bose-Einstein condensate” (66 pp.)	7-10-2006 / 3-1-2007
Bourgain, J. and Gamburd, A.	“Uniform expansion bounds for Cayley graphs $SL_2(\mathbb{F}_p)$ ” (18 pp.)	11-3-2005 / 3-5-2007 <b>(March 2008)</b>
Helfgott, H.	“Growth and generation in $SL_2(\mathbb{Z}/p\mathbb{Z})$ ” (22 pp.)	11-7-2005 / 3-5-2007 <b>(March 2008)</b>
Rudelson, M.	“Invertibility of random matrices: norm of the inverse” (27 pp.)	6-30-2005 / 3-5-2007
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Rodnianski, I. and Sterbenz, J.	“On the formation of singularities in the critical $O(3)$ $\sigma$ -model” (51 pp.)	4-28-2006 / 3-20-2007
Kahn, J. and Lyubich, M.	“Local connectivity of Julia sets for uncritical polynomials” (14 pp.)	8-1-2005 / 3-29-2007

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Avila, A., Kahn, J. Lyubich, M. and Shen, W.	“Combinatorial rigidity for uncritical polynomials” (15 pp.)	8-1-2005 / 3-29-2007
Aschbacher, M. and Chermak, A.	“A group-theoretic approach to a family of 2-local finite groups constructed by Levi and Oliver” (89 pp.)	1-10-2006 / 3-30-2007
Kida, Y.	“Measure equivalence rigidity of the mapping class group” (38 pp.)	7-24-2006 / 4-17-2007
Eliasson, L. H. and Kuksin, S.B.	“KAM for the non-linear Schrödinger equation” (73 pp.)	8-30-2006 / 4-19-2007
Immervoll, S.	“The classification of isoparametric hypersurfaces with four distinct principal curvatures in spheres” (16pp.)	5-31-2006 / 4-19-2007
Alesker, S.	“Erratum to ‘Rotation invariant valuations on sets’” (2 pp.)	3-8-2006 / 4-26-2007 <b>(November 2007)</b>
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Contreras, G.	“Geodesic flows with positive topological entropy, twist maps and hyperbolicity” (50 pp.)	2-21-2006 / 7-9-2007
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Riviere, T. and Tian, G.	“The singular set of 1-1 integral currents” (66 pp.)	10-21-2003 / 8-6-2007
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Bhargava, M.	“Higher composition laws IV: The parametrization of quintic rings” (42 pp.)	8-31-2003 / 12-22-2007 <b>(January 2008)</b>