

INDEX

ACHLIOPTAS, D. and NAOR, A. The two possible values of the chromatic number of a random graph .....	1335–1351
ANGENENT, S. B. Curve shortening and the topology of closed geodesics on surfaces .....	1187–1241
BARTAL, Y., LINIAL, N., MENDEL, M., and NAOR, A. On metric Ramsey-type phenomena .....	643–709
BERTOLINI, M. and DARMON, H. Iwasawa’s Main Conjecture for elliptic curves over anticyclotomic $\mathbb{Z}_p$ -extensions .....	1–64
BHARGAVA, M. The density of discriminants of quartic rings and fields .....	1031–1062
BOILEAU, M., LEEB, B., and PORTI, J. Geometrization of 3-dimensional orbifolds .....	195–290
BOYER, C. P., GALICKI, K., and KOLLÁR, J. Einstein metrics on spheres .....	557–580
CARLSON, J. and THÉVENAZ, J. The classification of torsion endo-trivial modules .....	823–883
CHLEBÍK, M., CIANCHI, A., and FUSCO, N. The perimeter inequality for Stein symmetrization: Cases of equality .....	525–555
CIANCHI, A. <i>See</i> Chlebík, Cianchi, and Fusco.	
CÓRDOBA, A., CÓRDOBA, D., and FONTELOS, M. A. Formation of singularities for a transport equation with nonlocal velocity ...	1377–1389
CÓRDOBA, D. <i>See</i> Córdoba, Córdoba, and Fontelos.	
DARMON, H. <i>See</i> Bertolini and Darmon.	
DELORME, P. Sur le théorème de Paley-Wiener d’Arthur .....	987–1029
DERRIDJ, M. <i>See</i> Kohn (with an Appendix by Derridj and Tartakoff).	
DIACONU, A. and TIAN, YE. Twisted Fermat curves over totally real fields .....	1353–1376
DINUR, I. and SAFRA, S. On the hardness of approximating vertex cover .....	439–486
ETINGOF, P., NIKSHYCH, D., and OSTRIK, V. On fusion categories ...	581–642
ETNYRE, J. and HONDA, KO Cabling and transverse simplicity ...	1305–1333
FONTELOS, M. A. <i>See</i> Córdoba, Córdoba, and Fontelos.	
FUSCO, N. <i>See</i> Chlebík, Cianchi, and Fusco.	
GALICKI, K. <i>See</i> Boyer, Galicki, and Kollár.	

- GOERSS, P., HENN, H.-W., MAHOWALD, M., and REZK, C. A resolution of the  $K(2)$ -local sphere at the prime 3..... 777–822
- HAAGERUP, U. and THORBJØRNSEN, S. A new application of random matrices:  $\text{Ext}(C_{\text{red}}^*(F_2))$  is not a group ..... 711–775
- HALES, T. C. Proof of the Kepler conjecture..... 1065–1185
- HASSELL, A. and WUNSCH, J. The Schrödinger propagator for scattering metrics ..... 487–523
- HENN, H.-W. *See* Goerss, Henn, Mahowald, and Rezk.
- HODGSON, C. D. and KERCKHOFF, S. P. Universal bounds for hyperbolic Dehn surgery ..... 367–421
- HONDA, KO. *See* Etnyre and Honda.
- HORVÁTH, M. Inverse spectral problems and closed exponential systems ..... 885–918
- JOHNSON, W. B. and ODELL, E. The diameter of the isomorphism class of a Banach space..... 423–437
- KOHN, J. Hypocoellipticity and loss of derivatives (with an Appendix by DERRIDJ, M. and TARTAKOFF, D. S.)..... 943–986
- KOLLÁR, J. *See* Boyer, Galicki, and Kollár.
- KERCKHOFF, S. *See* Hodgson and Kerckhoff.
- LEEB, B. *See* Boileau, Leeb, and Porti.
- LINDBLAD, H. Well-posedness for the motion of an incompressible liquid with free surface boundary ..... 109–194
- LINIAL, N. *See* Bartal, Linial, Mendel, and Naor.
- MAHOWALD, M. *See* Goerss, Henn, Mahowald, and Rezk.
- MAZ'YA, V. and SHUBIN, M. Discreteness of spectrum and positivity criteria for Schrödinger operators..... 919–942
- MENDEL, M. *See* Bartal, Linial, Mendel, and Naor.
- NAOR, A. *See* Bartal, Linial, Mendel, and Naor and *See* Achlioptas and Naor.
- NIKSHYCH, D. *See* Etingof, Nikshych, and Ostrik.
- ODELL, E. *See* Johnson and Odell.
- OSTRIK, V. *See* Etingof, Nikshych, and Ostrik.
- PORTI, J. *See* Boileau, Leeb, and Porti.
- REZK, C. *See* Goerss, Henn, Mahowald, and Rezk.
- RODRIGUEZ HERTZ, F. Stable ergodicity of certain linear automorphisms of the torus ..... 65–107
- SAFRA, S. *See* Dinur and Safra.
- SHUBIN, M. *See* Maz'ya and Shubin.
- SMITH, H. and TATARU, D. Sharp local well-posedness results for the nonlinear wave equation ..... 291–366
- TARTAKOFF, D. *See* Kohn (with an Appendix by Derridj and Tartakoff).

- TATARU, D. *See* Smith and Tataru.
- TIAN, YE. *See* Diaconu and Tian.
- THÉVENAZ, J. *See* Carlson and Thévenaz.
- THORBJØRNSEN, S. *See* Haagerup and Thorbjørnsen.
- TOLSA, X. Bilipschitz maps, analytic capacity, and the  
Cauchy integral..... 1243–1304
- WUNSCH, J. *See* Hassell and Wunsch.