

INDEX TO VOLUME 15

Aberbach, Ian M., and Li, Jinjia <i>Asymptotic vanishing conditions which force regularity in local rings of prime characteristic</i>	815
Ahlgren, Scott, and Boylan, Matthew <i>Odd coefficients of weakly holomorphic modular forms</i>	409
Akhmedov, Anar, Etnyre, John B., Mark, Thomas E., and Smith, Ivan <i>A note on Stein fillings of contact manifolds</i>	1127
Alkan, Emre, Xiong, Maosheng, and Zaharescu, Alexandru <i>A bias phenomenon on the behavior of Dedekind sums</i>	1039
Apostolov, Vestislav, and Dloussky, Georges <i>Bihermitian metrics on Hopf surfaces</i>	827
Aramayona, Javier, Parlier, Hugo, and Shackleton, Kenneth J. <i>Totally geodesic subgraphs of the pants complex</i>	309
Arone, Greg, Lambrechts, Pascal, Turchin, Victor, and Volić, Ismar <i>Coformality and rational homotopy groups of spaces of long knots</i>	1
Baldwin, John A. <i>Comultiplicativity of the Ozsváth-Szabó contact invariant</i>	273
Baranovsky, Vladimir <i>A universal enveloping for L_∞-algebras</i>	1073
Barreto, Antônio Sá <i>A Support Theorem For The Radiation Fields On Asymptotically Euclidean Manifolds</i>	973
Bateman, Michael, and Katz, Nets Hawk <i>Keakeya sets in Cantor directions</i>	73
Benguria, Rafael D., Frank, Rupert L., and Loss, Michael <i>The sharp constant in the Hardy-Sobolev-Maz'ya inequality in the three dimensional upper half-space</i>	613
Biquard, Olivier <i>Continuation unique à partir de l'infini conforme pour les métriques d'Einstein</i>	1091
Bivià-Ausina, Carles <i>Joint reductions of monomial ideals and multiplicity of complex analytic maps</i>	389
Blache, Régis, Féraud, Éric, and Zhu, Hui June <i>Hodge-Stickelberger polygons for L-functions of exponential sums of $P(x^s)$</i>	1053
Blair, Matthew D., Smith, Hart F., and Sogge, Christopher D. <i>On multilinear spectral cluster estimates for manifolds with boundary</i>	419
Borell, Stefan, Kutzschebauch, Frank, and Wold, Erlend Fornæss <i>Proper holomorphic disks in the complement of varieties in \mathbb{C}^2</i>	821
Borisov, Lev, and Libgober, Anatoly <i>Higher elliptic genera</i>	511
Boylan, Matthew <i>see Ahlgren, Scott, and Boylan, Matthew</i>	409
Brenner, Holger, and Kaid, Almar <i>On deep Frobenius descent and flat bundles</i>	1101
Buczyński, Jarosław <i>Hyperplane sections of Legendrian subvarieties</i>	623
Burns, David <i>On refined Stark conjectures in the non-abelian case</i>	841
Carles, Rémi, and Ozawa, Tohru <i>On the wave operators for the critical nonlinear Schrödinger equation</i>	185

- Carro, María J.** *On the hypothesis K^* of Hardy, Littlewood and Hooley and its relation with discrete fractional operators* 1117
- Caviglia, Giulio, and MacLagan, Diane** *Some cases of the Eisenbud–Green–Harris conjecture* 427
- Chen, Jiun-Cheng, and Tseng, Hsian-Hua** *A note on derived McKay correspondence* 435
- Cleyton, Richard, and Ivanov, Stefan** *Conformal equivalence between certain geometries in dimension 6 and 7* 631
- Clop, Albert, and Tolsa, Xavier** *Analytic capacity and quasiconformal mappings with $W^{1,2}$ Beltrami coefficient* 779
- Coates, Tom** *Givental’s Lagrangian cone and S^1 -Equivariant Gromov–Witten theory* 15
- Dao, Hailong** *Some observations on local and projective hypersurfaces* 207
- David, Chantal, and Weston, Tom** *Local torsion on elliptic curves and the deformation theory of Galois representations* 599
- Díaz, Francisco Díaz y, and Friedman, Eduardo** *Finite products of regularized products* 33
- Dloussky, Georges** *see Apostolov, Vestislav, and Dloussky, Georges* 827
- Duyckaerts, Thomas, Holmer, Justin, and Roudenko, Svetlana** *Scattering for the non-radial 3D cubic nonlinear Schrödinger equation* 1233
- Escauriaza, L., Kenig, C.E., Ponce, G., and Vega, L.** *Convexity properties of solutions to the free Schrödinger equation with Gaussian decay* 957
- Etingof, Pavel, and Gelaki, Shlomo** *Quasisymmetric and unipotent tensor categories* 857
- Etnyre, John B.** *see Akhmedov, Anar, Etnyre, John B., Mark, Thomas E., and Smith, Ivan* 1127
- Férard, Éric** *see Blache, Régis, Férard, Éric, and Zhu, Hui June* ... 1053
- Fang, Fuquan** *Positive Quaternionic Kähler manifolds and symmetry rank: II* 641
- Fasel, J., and Srinivas, V.** *A vanishing theorem for oriented intersection multiplicities* 447
- Frank, Rupert L.** *see Benguria, Rafael D., Frank, Rupert L., and Loss, Michael* 613
- Frenkel, Péter E.** *Pfaffians, hafnians and products of real linear functionals* 351
- Friedlander, John B., Kurlberg, Pär, and Shparlinski, Igor E.** *Products in Residue Classes* 1133
- Friedman, Eduardo** *see Díaz, Francisco Díaz y, and Friedman, Eduardo* 33
- Garthwaite, Sharon Anne, and Penniston, David** *p -adic properties of Maass forms arising from theta series* 459
- Gautam, S. Zubin** *A critical-exponent Balian–Low theorem* 471
- Gekhtman, M. I., and Vaninsky, K. L.** *The family of analytic Poisson brackets for the Camassa–Holm hierarchy* 867
- Gekhtman, Michael, Shapiro, Michael, and Vainshtein, Alek** *On the properties of the exchange graph of a cluster algebra* 321
- Gelaki, Shlomo** *see Etingof, Pavel, and Gelaki, Shlomo* 857

Ghioca, Dragos <i>Mordell exceptional locus for subvarieties of the additive group</i>	43
González-Avilés, Cristian D. <i>Algebraic cycles on Severi-Brauer schemes of prime degree over a curve</i>	51
González-Avilés, Cristian D. <i>Chevalley's ambiguous class number formula for an arbitrary torus</i>	1149
Goto, Shiro, Nishida, Koji, and Ozeki, Kazuho <i>The structure of Sally modules of rank one</i>	881
Greenblatt, Michael <i>Simply nondegenerate multilinear oscillatory integral operators with smooth phase</i>	653
Harada, Megumi, and Landweber, Gregory D. <i>The K-theory of abelian symplectic quotients</i>	57
Harrington, Phillip S. <i>The order of Plurisubharmonicity on pseudoconvex domains with Lipschitz boundaries</i>	485
Holmer, Justin <i>see</i> Duyckaerts, Thomas, Holmer, Justin, and Roudenko, Svetlana	1233
Howe, E. W., Maisner, D., Nart, E., and Ritzenthaler, C. <i>Principally polarizable isogeny classes of abelian surfaces over finite fields</i>	121
Hur, Vera Mikyoung <i>Symmetry of solitary water waves with vorticity</i>	491
Ivanov, Stefan <i>see</i> Cleyton, Richard, and Ivanov, Stefan	631
Jenkinson, Oliver <i>A partial order on $\times 2$-invariant measures</i>	893
Jow, Shin-Yao, and Miller, Ezra <i>Multiplier ideals of sums via cellular resolutions</i>	359
Kaid, Almar <i>see</i> Brenner, Holger, and Kaid, Almar	1101
Katz, Nets Hawk <i>see</i> Bateman, Michael, and Katz, Nets Hawk	73
Kaufmann, Ralph M. <i>A proof of a cyclic version of Deligne's conjecture via Cacti</i>	901
Kenig, C.E. <i>see</i> Escauriaza, L., Kenig, C.E., Ponce, G., and Vega, L.	957
Kim, Byoung Du (B.D.) <i>The algebraic functional equation of an elliptic curve at supersingular primes</i>	83
Koch, Herbert, Smith, Hart F., and Tataru, Daniel <i>Subcritical L^p bounds on spectral clusters for Lipschitz metrics</i>	993
Koskela, Pekka, and Saksman, Eero <i>Pointwise characterizations of Hardy-Sobolev functions</i>	727
Kucharz, W. <i>Curves on algebraic models of smooth manifolds</i>	289
Kurlberg, Pär <i>see</i> Friedlander, John B., Kurlberg, Pär, and Shparlinski, Igor E.	1133
Kutzschebauch, Frank <i>see</i> Borell, Stefan, Kutzschebauch, Frank, and Wold, Erlend Fornæss	821
Lai, BaiShun, and Li, Yi <i>On the semistability of the minimal positive steady state for a nonhomogeneous semilinear Cauchy problem</i>	923
Lam, Kwan-hang <i>Spectrum of the Laplacian on manifolds with $Spin(9)$ holonomy</i>	1167
Lambrechts, Pascal <i>see</i> Arone, Greg, Lambrechts, Pascal, Turchin, Victor, and Volić, Ismar	1

- Landweber, Gregory D. *see* Harada, Megumi, and Landweber, Gregory D. 57
- Lassalle, Michel *A positivity conjecture for Jack polynomials* 661
- Lee, Yng-Ing, and Wang, Mu-Tao *A note on the stability and uniqueness for solutions to the minimal surface system* 197
- Leung, Naichung Conan, and Li, Changzheng *Hard Lefschetz actions in Riemannian geometry with special holonomy* 683
- Li, Changzheng *see* Leung, Naichung Conan, and Li, Changzheng 683
- Li, Jinjia *see* Aberbach, Ian M., and Li, Jinjia 815
- Li, Yi *see* Lai, BaiShun, and Li, Yi 923
- Libgober, Anatoly *see* Borisov, Lev, and Libgober, Anatoly 511
- Long, D. D., and Reid, A. W. *Finding fibre faces in finite covers* 521
- Loss, Michael *see* Benguria, Rafael D., Frank, Rupert L., and Loss, Michael 613
- Maclagan, Diane *see* Caviglia, Giulio, and Maclagan, Diane 427
- Maisner, D. *see* Howe, E. W., Maisner, D., Nart, E., and Ritzenthaler, C. 121
- Mark, Thomas E. *see* Akhmedov, Anar, Etnyre, John B., Mark, Thomas E., and Smith, Ivan 1127
- Migliore, Juan, Nagel, Uwe, and Zanello, Fabrizio *A characterization of Gorenstein Hilbert functions in codimension four with small initial degree* 331
- Miller, Ezra *see* Jow, Shin-Yao, and Miller, Ezra 359
- Momot, Aleksander *Irregular ball-quotient surfaces with non-positive Kodaira dimension* 1187
- Morishita, Masanori, and Terashima, Yuji *Geometry of polysymbols* 95
- Moskowitz, Martin, and Sacksteder, Richard *On complex exponential groups* 1197
- Nagel, Uwe *see* Migliore, Juan, Nagel, Uwe, and Zanello, Fabrizio 331
- Nart, E. *see* Howe, E. W., Maisner, D., Nart, E., and Ritzenthaler, C. 121
- Nazarov, F., Treil, S., and Volberg, A. *Two weight inequalities for individual Haar multipliers and other well localized operators* 583
- Ni, Lei, and Wallach, Nolan *On a classification of gradient shrinking solitons* 941
- Nishida, Koji *see* Goto, Shiro, Nishida, Koji, and Ozeki, Kazuho 881
- Ozawa, Tohru *see* Carles, Rémi, and Ozawa, Tohru 185
- Ozeki, Kazuho *see* Goto, Shiro, Nishida, Koji, and Ozeki, Kazuho 881
- Panyushev, Dmitri I., and Yakimova, Oksana S. *The argument shift method and maximal commutative subalgebras of Poisson algebras* 239
- Papikian, Mihran *Modular curves of \mathcal{D} -elliptic sheaves are asymptotically optimal* 525
- Pappas, Georgios *Grothendieck-Riemann-Roch and the moduli of Enriques surfaces* 117
- Parlier, Hugo *see* Aramayona, Javier, Parlier, Hugo, and Shackleton, Kenneth J. 309

Pauly, Christian <i>On the base locus of the linear system of generalized theta functions</i>	699
Penniston, David <i>see Garthwaite, Sharon Anne, and Penniston, David</i>	459
Petrović, Sonja <i>On the Universal Gröbner bases of varieties of minimal degree</i>	1211
Polishchuk, A. <i>Fourier-stable subrings in the Chow rings of abelian varieties</i>	705
Ponce, G. <i>see Escauriaza, L., Kenig, C.E., Ponce, G., and Vega, L.</i>	957
Poonen, Bjorn <i>Smooth hypersurface sections containing a given subscheme over a finite field</i>	265
Raich, Andrew S., and Straube, Emil J. <i>Compactness of the complex Green operator</i>	761
Rasmussen, Christopher, and Tamagawa, Akio <i>A finiteness conjecture on abelian varieties with constrained prime power torsion</i>	1223
Reid, A. W. <i>see Long, D. D., and Reid, A. W.</i>	521
Ritter, Jürgen, and Weiss, Alfred <i>Congruences between abelian pseudomeasures</i>	715
Ritzenthaler, C. <i>see Howe, E. W., Maisner, D., Nart, E., and Ritzenthaler, C.</i>	121
Rotger, Victor <i>Which quaternion algebras act on a modular abelian variety?</i>	251
Roudenko, Svetlana <i>see Duyckaerts, Thomas, Holmer, Justin, and Roudenko, Svetlana</i>	1233
Sacksteder, Richard <i>see Moskowitz, Martin, and Sacksteder, Richard</i>	1197
Saksman, Eero <i>see Koskela, Pekka, and Saksman, Eero</i>	727
Schein, Michael M. <i>On modular weights of Galois representations</i>	537
Schwede, Karl <i>Generalized test ideals, sharp F-purity, and sharp test elements</i>	1251
Shackleton, Kenneth J. <i>see Aramayona, Javier, Parlier, Hugo, and Shackleton, Kenneth J.</i>	309
Shapiro, Ilya, and Tang, Xiang <i>Gelfand-Fuchs cohomology of invariant formal vector fields</i>	129
Shapiro, Michael <i>see Gekhtman, Michael, Shapiro, Michael, and Vainshtein, Alek</i>	321
Shparlinski, Igor E. <i>see Friedlander, John B., Kurlberg, Pär, and Shparlinski, Igor E.</i>	1133
Smith, Ivan <i>see Akhmedov, Anar, Etnyre, John B., Mark, Thomas E., and Smith, Ivan</i>	1127
Smith, Hart F. <i>see Blair, Matthew D., Smith, Hart F., and Sogge, Christopher D.</i>	419
Smith, Hart F. <i>see Koch, Herbert, Smith, Hart F., and Tataru, Daniel</i>	993
Sogge, Christopher D. <i>see Blair, Matthew D., Smith, Hart F., and Sogge, Christopher D.</i>	419

Srinivas, V. <i>see</i> Fasel, J., and Srinivas, V.	447
Stokman, Jasper V. <i>Generalized Cherednik-Macdonald identities</i>	745
Straube, Emil J. <i>see</i> Raich, Andrew S., and Straube, Emil J.	761
Sturmfels, Bernd, and Tevelev, Jenia <i>Elimination theory for tropical varieties</i>	543
Sun, Zhi-Wei <i>An additive theorem and restricted sumsets</i>	1263
Szymik, Markus <i>Stable Diffeomorphism Groups of 4-Manifolds</i>	1003
Takagi, Shunsuke, and Takahashi, Ryo <i>D-modules over rings with finite F-representation type</i>	563
Takahashi, Ryo <i>see</i> Takagi, Shunsuke, and Takahashi, Ryo	563
Tamagawa, Akio <i>see</i> Rasmussen, Christopher, and Tamagawa, Akio	1223
Tang, Xiang <i>see</i> Shapiro, Ilya, and Tang, Xiang	129
Tataru, Daniel <i>see</i> Koch, Herbert, Smith, Hart F., and Tataru, Daniel	993
Tawn, Stephen <i>A presentation for Hilden's subgroup of the braid group</i>	1277
Terashima, Yuji <i>see</i> Morishita, Masanori, and Terashima, Yuji	95
Tevelev, Jenia <i>see</i> Sturmfels, Bernd, and Tevelev, Jenia	543
Thomas, Hugh, and Yong, Alexander <i>An S_3-symmetric Littlewood-Richardson rule</i>	1027
Tolsa, Xavier <i>see</i> Clop, Albert, and Tolsa, Xavier	779
Treil, S. <i>see</i> Nazarov, F., Treil, S., and Volberg, A.	583
Tseng, Hsian-Hua <i>see</i> Chen, Jiun-Cheng, and Tseng, Hsian-Hua ..	435
Turchin, Victor <i>see</i> Arone, Greg, Lambrechts, Pascal, Turchin, Victor, and Volić, Ismar	1
Ulrich, Bernd, and Validashti, Javid <i>A criterion for integral dependence of modules</i>	149
Vainshtein, Alek <i>see</i> Gekhtman, Michael, Shapiro, Michael, and Vainshtein, Alek	321
Validashti, Javid <i>see</i> Ulrich, Bernd, and Validashti, Javid	149
Vaninsky, K. L. <i>see</i> Gekhtman, M. I., and Vaninsky, K. L.	867
Vega, L. <i>see</i> Escauriaza, L., Kenig, C.E., Ponce, G., and Vega, L. ..	957
Viale, Matteo <i>A family of covering properties</i>	221
Volberg, A. <i>see</i> Nazarov, F., Treil, S., and Volberg, A.	583
Volić, Ismar <i>see</i> Arone, Greg, Lambrechts, Pascal, Turchin, Victor, and Volić, Ismar	1
Vu, Van H. <i>Sum-product estimates via directed expanders</i>	375
Wakefield, Max, and Yoshinaga, Masahiko <i>The Jacobian ideal of a hyperplane arrangement</i>	795
Wallach, Nolan <i>see</i> Ni, Lei, and Wallach, Nolan	941
Wang, Mu-Tao <i>see</i> Lee, Yng-Ing, and Wang, Mu-Tao	197
Weiss, Alfred <i>see</i> Ritter, Jürgen, and Weiss, Alfred	715
Wenger, Stefan <i>Characterizations of metric trees and Gromov hyperbolic spaces</i>	1017
Weston, Tom <i>see</i> David, Chantal, and Weston, Tom	599
Wold, Erlend Fornæss <i>see</i> Borell, Stefan, Kutzschebauch, Frank, and Wold, Erlend Fornæss	821

Xiong, Maosheng	see Alkan, Emre, Xiong, Maosheng, and Zaharescu, Alexandru	1039
Yakimova, Oksana S.	see Panyushev, Dmitri I., and Yakimova, Oksana S.	239
Yong, Alexander	see Thomas, Hugh, and Yong, Alexander	1027
Yoshinaga, Masahiko	see Wakefield, Max, and Yoshinaga, Masahiko	795
Zaharescu, Alexandru	see Alkan, Emre, Xiong, Maosheng, and Zaharescu, Alexandru	1039
Zanella, Fabrizio	see Migliore, Juan, Nagel, Uwe, and Zanella, Fabrizio	331
Zhang, R.B.	see Zhang, Guanglian, and Zhang, R.B.	297
Zhang, De-Qi	<i>Automorphism groups and anti-pluricanonical curves</i>	163
Zhang, Guanglian, and Zhang, R.B.	<i>Equivariant vector bundles on quantum homogeneous spaces</i>	297
Zhang, Jing	<i>Algebraic Stein Varieties</i>	801
Zhu, Hui June	see Blache, Régis, Férard, Éric, and Zhu, Hui June	1053