



Archives « Research in Paris »

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2023

- Tamagawa motives in automorphic cohomology // J. van Order, S. Bloch
- Combinatorics of the amplituhedron // M. Parisi, M. Sherman-Bennett, L. Williams
- Integral dilations of the fractional part // M. Balazard, B. Martin
- Combinatorics of the ASEP and orthogonal polynomials // S. Corteel, O. Mandelshtam, L. Williams
- Bayesian nonparametric regression model with on-sided errors // N. Bochkina, C. Scricciolo, J. Rousseau
- Average rank of CM elliptic curves over family of twists // C. David, L. Devin, E. Waxman
- The hot spots conjecture // C. Judge, S. Mondal
- Semilinear and quasilinear systems in fluid mechanics forced by space time white noise // Z. Brzezniak, P. Razafimandimby, K. Yamazaki
- Metastate for Long-range Ising models // A. le Ny, E. Ossami Endo, A. van Enter
- Generic Nilpotent Groups // C. d'Elbée, I. Müller, N. Ramsey, D. Siniora
- Maximality of Hilbert schemes of points // V. Kharlamov, R. Rasdeaconu
- Qualitative properties of stochastic equations and their applications // M. Foodun, E. Nualart, E. Locherbach, V. Bally
- Mirror symmetry for hyperpolygons // S. Rayan, E. Macri, L. Schaposnik
- Global dynamics in applied differential delay models // A. Ivanov, M. Adimy, F. Crauste
- Dynamics and geometry on convex real projective manifolds // I. Kim, P. Foulon

2022

- Existential theories of valued fields and their Turing degrees // A. Fehm, S. Anscombe
- Regularity of optimal transport maps for L_p costs // M. Goldman, L. Koch, F. Otto
- Modelling brain activity // C. Antonopoulos, T. Manos
- Singular metrics, valuations and singularities of the MMP // A. Belotto Da Silva, L. Fantini, A. Pichon
- The Baum-Connes conjecture and the mapping class groups // S. Pooya, I.L. Chatterji, M.P. Gomez Aparicio
- M-theory/heterotic duality in the presence of G-flux // I. Melnikov, R. Minasian
- Torsion points on fibres of elliptic surfaces as intersection of multiple sections // J. Desjardins, J. Park, R. Winter
- Low-Lying zeros in families of holomorphic cusp forms // L. Devin, D. Fiorilli, A. Södergren
- Complexity in quantum field theory and holography // S. Chapman, A. L. Cotrone, G. Policastro, D. Seminara, E. Ton
- Structures finslériennes de l'espace de Teichmüller et géométrie convexe // A. Papadopoulos, Y. Huang, H. Miyachi, K. Ohshika

2021

- Théorie ergodique et feuilletages singuliers // B. Deroin, C. Dupont, V. Kleptsyn
- Satellite: 40 years of lambda calculus research // H. Barendregt, G. Manzonetto
- Graded geometry and numerical methods 2.0 // V. Salnikov, C. Laurent-Gengoux, A. Kotov, L. Ryvkin

2020

- Exponential motives // J. Fresán, P. Jossen
- Computability-theoretic aspects of thin set theorem // P. Cholak, L. Patey
- The hunt for fano varieties of K3 type // E. Fatighenti, F. Tanturri
- DN equations: fibered periods and multiplication kernels // S. Bloch, V. Golyshev, V. Roubtsov
- Variational formulation of the inelastic Boltzmann equation // A. Esposito, R. Gvalani, A. Schlichting, M. Schmidtchen

2019

- Attractors for partially dissipative nonlinear coupled systems with continuum of equilibria // F. Alabau-Boussouira, A. Jendoubi
- Diffusions en dimension infinie // A. Bufetov, Y. Kawamoto
- The integrality conjecture in categorified Donaldson-Thomas theory // B. Davison, S. Meinhardt
- Bayesian Wasserstein deconvolution // C. Scricciolo, J. Rousseau, V. Rivoirard
- Bilevel optimisation for optimal non-standard noise modelling in images // L. Calatroni, J.C. De Los Reyes, A. Martin, F. Sciacchitano
- Triangulations of curves and wild monodromy // L. Fantini, D. Turchetti
- Quantum black holes and mock modular forms // S. Alexandrov, J. Manschot
- Mirroring Towers: Calabi-Yau Fibrations and Feynman Integrals // C. Doran, M. Kerr, A. Novoseltsev, P. Vanhove
- Arithmetic of abelian varieties // V. Cantoral Farfán, Y. Tang
- Variation of singularity in CMAE and Kahler geometry // T. Darvas, E. Di Nezza, C.H. Lu
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- Quantum Hurwitz numbers and q-normalized characters // M.A. Hahn, J. Wahl
- Gauged supergravity black holes and their CFT duals // P.B. Genolini, C. Toldo
- Sub-Riemannian spectral inequalities // V. Franceschi, E. Vecchi

2018

- Fully homomorphic encryption schemes using rings // J-C Faugère, K. Horan, D. Kahrobaei, L. Perret.
- Secondary invariants in mirror symmetry // Eriksson, G. Freixas, C. Mourougane
- Dynamics of smooth R_k -actions on manifolds // Alvarez, B. Santiago
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- Group theory // I. Capdeboscq, B. Rémy
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- Generalized Geometry for String Theory Compactifications Holography // D. Cassani, M. Petrini
- Renormalization group flows on impurities and supersymmetric Wilson loops // M. Jarvinen, C. Bachas, C. Hoyos, S. Prem Kumar, A. O'Bannon
- Sub-Riemannian soap bubbles // V. Franceschi, G. Stefani

2017

- Theoretical and numerical studies on the multi-scale dynamics of chemotactic bacteria // S. Yasuda, B. Perthame, L. Almeida, N. Vauchelet, V. Calvez.
- L'effet tunnel magnétique // V. Bonnaillie-Noël, F. Hérau, N. Raymond
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- Hydrodynamic limits from the Boltzmann equation with incoming data // N. Jiang, F. Golse

2016

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2015

- A santalo formula for hamiltonian systems and applications. // D. Prandi, L. Rizzi et M. Seri.
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2014

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- Onsager's Conjecture for the Euler Equations on Manifolds // P. Isett, S. Ohy
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- The Median Class and Property (T) // I. Chatterji, T. Fernós
- AGT conjecture on ale spaces by means of framed sheaves // M. Pedrini, F. Sala

2013

- Chaos in galaxies : bridging the time-dependent analytical models and N-body simulations // T. Manos, R. Machado
- Curvature in sub-riemannian geometry and application // D. Barilari, L. Rizzi
- Noncommutative triangulated surfaces, grassmannians, and cluster algebras // A. Berenstein, V. Retakh
- Identification of time-dependent coefficients in linear parabolic equations // R. Guglielmi, G. Mola
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2012

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2011

- Spectrum of linear elliptic operators and applications // A. Ramm et V. Volpert
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L'institut :

- lundi au vendredi de 8h30 à 18h,
- fermé les jours fériés.

Le musée - Maison Poincaré :

- lundi, mardi, jeudi et vendredi de 9h30 à 17h30,
- samedi de 10h à 18h,
- fermé le mercredi et le dimanche.