

Dinh Tien-Cuong

Curriculum Vitæ (May 22, 2023)

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APPOINTMENTS

Professor of Mathematics (Provost's Chair Professor 2017-2023) 2014-
National University of Singapore

Professor of Mathematics (promoted to Professor of First Class in 2008) 2005-2014
Paris 6 University (Jussieu)

Part-time Professor of Mathematics 2012-2014
École Normale Supérieure de Paris

Part-time Professor of Mathematics 2005-2014
École Polytechnique de Paris

Associate Professor of Mathematics 1998-2005
Paris 11 University (Orsay)

Mathematics Instructor 1997-1998
Paris 13 University (Villetaneuse)

EDUCATION

Habilitation in Mathematics 2004
Paris 11 University (Orsay)

PhD in Mathematics with very honorable distinction 1995-1997
Paris 6 University (Jussieu)

Master in Mathematics with first class distinction 1994-1995
Paris 6 University (Jussieu)

Under-graduate student in Mathematics with first class distinction 1993-1994
Paris 6 University (Jussieu)

Under-graduate student in Maths/Comp. Sci. with first class distinction 1990-1993
Odessa University, Ukraine

AWARDS

- 1989 : Gold Medal in the International Mathematical Olympiad, Germany (with score 42/42).
- 2007-2012 : junior member of the Institut Universitaire de France.
- 2007 : Medal of Paris 6 University.
- 2009 : Gehring visitor chair at Michigan University.
- 2009 : Mercator Visiting Professor at Cologne University.
- 2017-2023 : Provost's chair professor, NUS, Singapore.
- 2018 : invited ICM 2018 speaker, Rio, Brazil.
- 2018 : Outstanding Scientist Award, Faculty of Science, NUS.
- 2018 : Humboldt Research Prize.

PROFESSIONAL ACTIVITIES

- Editor/Editorial Board Member of the Journal of Institute of Math. Jussieu (2006-2014), Math. Z. (2009-2021), Panoramas et Synthèses (2008-2018), Acta Math. Vietnamica (since 2011), Journal of Geom. Analysis (since 2015), Annales Polonici Mathematici (since 2018).
- Member of the Committee of Experts of Paris 11 University (2004-2005 and 2009-2014), the Committee of Experts of Paris 6 University (2007-2014), the Committee of Experts of Lille 1 University (2009), the IMJ Council (2007-2013), the CNU (2011-2015), the Theses Committee of Paris 6 University (2006-2009), the Scientific Council of VIASM (since 2011), the ANR Evaluation Committee (2013-2014), the CIRM Scientific Council (2013-2018), the Colloquium Committee (NUS Math. Dept. 2015-2017) and Graduate Programs Committee (NUS Math. Dept., 2015-2020), the Search Committee (NUS Math. Dept., 2016-2021), the Executive Committee (NUS Math. Dept., 2017-2023), the Faculty Promotion and Tenure Committee (NUS, 2018-2020), the Departmental Evaluation Committee (2020-2021), the University Promotion and Tenure Committee (NUS, 2021-2022), CIMPA Scientific council (since 2021).
- In charge of the Master 2 program "Analysis and Geometry" at Paris 6 University (2005-2008 and 2012-2014). Co-organizer of seminar "Analysis and Geometry" at Paris 11 University with N. Sibony (2004-2005). Co-organizer of seminar "Analysis and Geometry" at the Institut de Mathématiques de Jussieu (2005-2014). Co-organizer of international conferences "Complex Dynamics and Geometry" with J. Duval at Luminy in 2006, "Complex Analysis and Applications" with C. Epstein, L. Pirio and N. Sibony at the IHP-Paris in 2007, "Complex Dynamics

and Geometry” with H. de Thélin and C. Dupont at Luminy in 2009 and at the IHP-Paris in 2011, Satellite conference at Hanoi University of Pedagogy and Session ”Complex Analysis and Geometry” in France-Vietnam Congress with D.D. Thai and P. Thomas in 2012, Conference in honor of G. Henkin with P. Dingoyan in 2012, Conference in honor of P. Dolbeault with G. Courtois, S. Diverio and A. Iordan in 2014, of the one month program ”Higher Dimensional Algebraic Geometry, Holomorphic Dynamics and Their Interactions” at the IMS-NUS in 2017 with K. Oguiso, W. K. To and D.-Q. Zhang, of the one month program ”Complex Geometry, Dynamical Systems and Foliation Theory” at the IMS-NUS in 2017 with X. Ma, G. Marinescu and D.-Q. Zhang, of the conference in memory of Henkin with Iordan (Paris, 2017), of the conference in memory of Le Van Thiem with P.H. Hiep and al. (Hanoi, 2018), of the conference ”Algebraic Geometry in East Asia” with P.H. Hai and al. (Hanoi, 2018), Workshop ”Complex Geometry and related topics” at the NUS in 2019 with D.Q. Zhang, Summer School ”Complex Analysis and Applications”, Conference ”Complex Analysis and PDE” at the Hanoi Institute of Mathematics in 2019 with P.H. Hiep, special session ”Complex Geometry and Dynamical Systems” at the AMS-Vietnam conference, Quy Nhon, Vietnam, in 2019 with D. Burns, P.H. Hiep, T.T. Quang, online conference ”Complex Analysis and Geometry” with S. Biard and X. Ma, in 2021, IMS online conference ”Recent Developments in Algebraic Geometry, Arithmetic and Dynamics” with H. Esnault, K. Oguiso and D.-Q. Zhang, in June 2021 and August 2023, the program ”Index Theory and Complex Geometry” at the IMS-NUS in August 2021 and May 2024 with F. Han, X. Ma and V. Mathai, Symposium in Mathematics at NUS in August 2022 with S. Ghosh, Complex Geometry and Dynamical Systems in September 2022 with G. Marinescu, V. Tosatti, E. Wulcan, Complex Analysis, Complex Geometry and Dynamics with H. Esnault, X. Ma, C. Viterbo (Orsay, 2022).

- PhD thesis supervisor of G. Vigny (associate professor at Picardie University, France), J. Taffin (associate professor at Bourgogne University, France), D.-V. Vu (W2 professor, Cologne, Germany), L. Kaufmann (associate professor, Orléans, France) and Wu Hao (Postdoc, NUS). Master thesis supervisor of Li Yunzhe (2019), Kenvil Horia (2020), Li Yimin (2020).
- Referee and/or member of the thesis or habilitation committee of J. Renaud, N.Q. Dieu, J. Deserti, Y. Genzmer, S. Nivoche, A. Irigoyen, H. Boumaza, V.-A. Nguyen, S. Dumitrescu, C. Dupont, J.-C. Sunyé, S. Boucksom, R. Berman, T. Gauthier, H. Auvray, A. Moncet, Pham Hoang Ha, S. Biard, Pham Hoang Hiep, J. Aurouet, Du Zhikun, Zhang Rong, Lei Yaoting, Wang Yan, Wei Ran, Meng Sheng, Shan Huang, Lee Junbeom, Pang Tongyao, Yuan Yancheng, Teo Yi Han, Zhong Guolei, Eleonora Di Nezza, Jia Jia, Virgile Tapiero.
- Post-doctoral courses given at the ENS de Hanoi (2001) and IHP-Paris (2003). Master 2 courses given at Paris 6 University (2005, 2006, 2010, 2011), Ecole Normale Supérieure de Paris (2012, 2013), NUS (2017, 2019(2)). Mini-courses given at Luminy (2007, 2009), Cologne (2010), Trieste (2010), Holbaek-Danemark (2011), Mini-course at KIAS (2018), ACQUA (Lille, 2021).
- Seminar and colloquium talks given at Paris 6 University (1996, 1997, 2000, 2003, 2005, 2011, 2016), Grenoble I (1996, 2003, 2011), ENS de Hanoi (1997), Paris 11 (1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2006, 2015), Toulouse III (1997, 2000, 2002, 2005, 2006, 2010, 2013), Marseille I (1998, 2000, 2003), Bordeaux I (1999, 2006, colloquium 2011), Lille I (2002, 2003, 2004, 2005, 2022), Rennes I (2002, 2005), Humboldt-Berlin (2002, 2010, 2011), ENS Lyon (2002, 2008), Leipzig (2003), SNS Pisa (2003, 2013), Ecole polytechnique (2003), Paris 7 (2003, 2006), Michigan (2004, 2009), Kyoto (2004, 2017), Wuppertal (2005, 2007), Indiana (2005),

Nantes (2006), ENS Paris (2006, 2012), Bochum (2007), Nancy (2008), Columbia (2009), Cologne (2010, 2019), Cergy (2010), Paris 13 (2011), SCMS (Shanghai, 2013), USTC (Hefei, 2013), NUS (Singapore, colloquium 2013, 2015), Nice (2013), NTU (2015), UOW (Wollongong, Australia, 2016, 2017), Vietnam National University (2016), Univ. Tokyo (2017, colloquium 2018), Hanoi Institute of Mathematics (2018), Technion Univ. (colloquium 2020), East-West Complex Analysis Seminar (2021).

- Talks given at the Journées Complexes du Sud (1997, 2000, 2002, 2003, 2005, 2006), ACI meetings : Paris 7 (2004), Toulouse (2005), ANR meeting : Paris (2007), international conferences and workshops in complex analysis, complex geometry, dynamics : France-Vietnam (1997), Paris 6 (1997), Lille I (1998, 2010), CIRM-Italy (1999, 2007, 2009), PhD Euroconference - Spain (2000), ENS de Hanoi (2001), Hanoi University of Technology (2001), CIRM-Luminy (2001, 2004, 2006, 2007, 2020), France-Hongkong (2002), IHP (2004), France-Canada (2004), Hayama-Japon (2004), Midwest SCV (Etats-Unis, 2005), Nordan (Sweden, 2005), conference in honor of H. Skoda (Paris, 2005), Wuppertal (2006), conference in honor of G. Henkin (Paris, 2007), Toulouse (2008), Stony-Brook (2009), Michigan (2009), Vienna (2009), Langeoog (2010), Beijing (2011), KIAS (2011, 2015, 2019), Shirahama (2011), Indiana (2012), Banff (2012), France-Vietnam Congress (Plenary speaker, 2012), VIASM-Hanoi (2012), Oberwolfach (2012), Lille (2012), conference in honor of D.H. Phong at Columbia (New York, 2013), Abel Symposium (Trondheim, 2013), Shanghai (2015), Taipei (2015, 2019), AMC Bali (2016), 7th Singapore Math. Symposium (IMS, 2016), conference in honour of Ngaiming Mok (KIAS, 2016), Workshop on ergodic theory and dynamical systems (NUS, 2017), Oslo (2017), Mittag-Leffler (Stockholm, 2017), Algebraic Geometry Symposium (Kinosaki, 2017), Workshop in Algebraic Geometry (NUS, 2018), HAYAMA Symposium on Complex Analysis in Several Variables XX and XXII (Hayama, 2018, 2021), Conference "Algebraic Geometry in East Asia" (Hanoi, 2018), MIST (CUHK, 2019), DEA (Krakow, 2019), RIMS (Kyoto, 2019), Hokkaido (2019), Virtual Conference (USA, 2020), Virtual Conference in Complex Analysis (Moscow, 2020), the 4th Academic Activity of Silkroad Mathematics Center (Shanghai, 2020), Geometric Methods of Complex Analysis (Oberwolfach, 2021), CV, CR geometry and Dynamics (Nice, 2021), VIASM (Hanoi, 2021), DKU-NUSRI Joint Workshop (online, 2022), CCGA2022 (POSTECH, 2022), Journées ANR Fatou (Orléans, 2022), Workshop on Complex Analytic Geometry (Cologne, 2022), Workshop on Recent development in Algebraic Geometry (NUS, 2022), Complex Geometry, Dynamical Systems and Foliation Theory (Luminy, 2022).

LIST OF PUBLICATIONS

1. Dinh T.-C., Chaînes holomorphes à bord rectifiable, *C.R.A.S. Paris*, **322:I**, 1996, 1135-1140.
2. Dinh T.-C., Enveloppe polynomiale d'un compact de longueur finie et chaînes holomorphes à bord rectifiable, *Acta Mathematica*, **180:1**, 1998, 31-67.
3. Dinh T.-C., Orthogonal measures on the boundary of a Riemann surface and polynomial hull of compacts of finite length, *J. Funct. Analysis*, **157**, 1998, 624-649.
4. Dinh T.-C., Problème du bord dans l'espace projectif complexe, *Ann. Inst. Fourier*, **48:5**, 1998, 1483-1512.
5. Dinh T.-C., Conjecture de Globevnik-Stout et théorème de Morera pour une chaîne holomorphe, *Ann. Fac. Toulouse*, **VIII**, 1999, 235-257.

6. Dinh T.-C., Sur la caractérisation du bord d'une chaîne holomorphe dans l'espace projectif, *Bull. Soc. Math. France*, **127**, 1999, 519-539.
7. Dinh T.-C., Mesures orthogonales à support compact de longueur finie et applications, *Progress in Mathematics*, **188**, 2000, 163-172.
8. Dinh T.-C., Remarques sur les fonctions ayant le même ensemble de Julia, *Ann. Fac. Sci. Toulouse*, Vol. **IX**, 2000, 55-70.
9. Dinh T.-C., Sarkis F., Wedge removability of metrically thin sets and application to the CR meromorphic extension, *Math. Z.*, **238** (2001), 639-654.
10. Dinh T.-C., Sur les endomorphismes polynomiaux permutables de \mathbb{C}^2 , *Ann. Inst. Fourier*, **51** (2001), 431-459.
11. Dinh T.-C., Sur les applications de Lattès de \mathbb{P}^k , *J. Math. Pures Appl.*, **80**, 6 (2001), 577-592.
12. Dinh T.-C., Ensembles d'unicité pour les polynômes, *Ergodic Theory and Dynamical Systems*, **22**, no. 1 (2002), 171-186.
13. Dinh T.-C., Sibony N., Sur les endomorphismes permutables de \mathbb{P}^k , *Math. Ann.*, **324** (2002), 33-70.
14. Dinh T.-C., Lawrence M., Polynomial hull and positive currents, *Ann. Fac. Sci. Toulouse*, Vol. **XII**, n 3 (2003), 317-334.
15. Dinh T.-C., Sibony N., Dynamique des applications d'allure polynomiale, *J. Math. Pures et Appl.*, **82** (2003), 367-423.
16. Dinh T.-C., Sibony N., Dynamique des applications semi-régulières, *Arkiv för Mat.*, **42** (2004), 61-85.
17. Dinh T.-C., Sibony N., Groupes commutatifs d'automorphismes holomorphes d'une variété kählérienne compacte, *Duke Math. J.*, **123** (2004), 311-328.
18. Dinh T.-C., Distribution des préimages et des points périodiques d'une correspondance polynomiale, *Bull. Soc. Math. France*, **133** (2005), 363-394.
19. Dinh T.-C., Sibony N., Une borne supérieure de l'entropie topologique d'une application rationnelle, *Ann. of Math.*, **161** (2005), 1637-1644.
20. Dinh T.-C., Dupont C., Dimension de Hausdorff de la mesure d'équilibre d'applications méromorphes, *J. Geometric Analysis*, **14** (2004), 613-627.
21. Dinh T.-C., Sibony N., Regularization of currents and entropy, *Ann. Sci. Ecole Norm. Sup.*, **37** (2004), 959-971.
22. Dinh T.-C., Sibony N., Dynamics of regular birational maps of \mathbb{P}^k , *J. Funct. Analysis*, **222** (2005), no. 1, 202-216.
23. Dinh T.-C., Sibony N., Green currents for holomorphic automorphisms of compact Kähler manifolds, *J. Amer. Math. Soc.*, **18** (2005), no. 2, 291-312.
24. Marinescu G., Dinh T.-C., On the compactification of hyperconcave ends, *C. R. Acad. Sci. Paris, série I* **342** (2006), 675-680.

25. Marinescu G., Dinh T.-C., Compactification of hyperconcave ends and Siu-Yau's and Nadel's theorems, *Invent math.*, 2005. DOI: 10.1007/s00222-005-0475-7
26. Dinh T.-C., Suites d'applications méromorphes multivaluées et courants laminaires, *J. Geom. Anal.*, **15** (2005), 207-227.
27. Dinh T.-C., Sibony N., Distribution des valeurs d'une suite de transformations méromorphes et applications, *Comment. Math. Helv.*, **81** (2006), 221-258.
28. Dinh T.-C., Sibony N., Equidistribution for meromorphic transforms and the dd^c -method, *Sci. China Ser. A* **48** (2005), suppl., 180-194.
29. Dinh T.-C., Dujardin R., Sibony N., On the dynamics near infinity of some polynomial mappings in \mathbb{C}^2 , *Math. Ann.*, **333** (2005), 703-739.
30. Dinh T.-C., Sibony N., Geometry of currents, intersection theory and dynamics of horizontal-like maps, *Ann. Inst. Fourier*, **56** (2006), no. 2, 423-457.
31. Dinh T.-C., Decay of correlations for Hénon maps, *Acta Math.*, **195** (2005), 253-264.
32. Dinh T.-C., Sibony N., Decay of correlations and central limit theorem for meromorphic maps, *Comm. Pures Appl. Math.*, **59** (2006), no. 5, 754-768.
33. Dinh T.-C., Nguyen V.A., Mixed Hodge-Riemann theorem for compact Kähler manifolds, *GAFSA*, **16** (2006), 838-849.
34. Dinh T.-C., Attracting current and equilibrium measure for attractors on \mathbf{P}^k , *J. Geometric Analysis*, **17** (2007), no. 2, 227-244.
35. Dinh T.-C., Nguyen V.A., Sibony N., On thermodynamics of rational maps on the Riemann sphere, *Ergodic Theory Dynam. Systems*, **27** (2007), no. 4, 1095-1109.
36. Dinh T.-C., Sibony N., Upper bound for the topological entropy of a meromorphic correspondence, *Israel J. Math.*, **163** (2008), 29-44.
37. Dinh T.-C., Sibony N., Pull-back of currents by holomorphic maps, *Manuscripta Math.*, **123** (2007), no. 3, 357-371.
38. Dinh T.-C., Sibony N., Equidistribution towards the Green current for holomorphic maps, *Annales Sci. ENS*, **41** (2008), 307-336.
39. Dinh T.-C., Sibony N., Super-potentials of positive closed currents, theory of intersection and dynamics, *Acta Math.*, **203** (2009), no. 1, 1-82.
40. Dinh T.-C., Nguyen V.A., Sibony N., Dynamics of horizontal-like maps in higher dimension, *Advances in Mathematics*, **219** (2008), 1689-1721.
41. Dinh T.-C., Analytic multiplicative cocycles over holomorphic dynamical systems, *Special issues in Complex Var. Elliptic Equ.*, **54** (2009), no. 3-4, 243-251.
42. Dinh T.-C., Sibony N., Super-potentials for currents on compact Kähler manifolds and dynamics of automorphisms, *J. Alg. Geom.*, **19** (2010), no. 3, 473-52.
43. Dinh T.-C., Nguyen V.A., Sibony N., Exponential estimates for plurisubharmonic functions and stochastic dynamics, *J. Diff. Geom.*, **84** (2010), no. 3, 465-488.

44. Dinh T.-C., Sibony N., Dynamics in several complex variables: endomorphisms of projective spaces and polynomial-like mappings, *Holomorphic dynamical systems*, 165-294, Lecture Notes in Math., **1998**, Springer, Berlin, 2010.
45. Dinh T.-C., Sibony N., Equidistribution speed for endomorphisms of projective spaces, *Math. Ann.*, **347** (2010), no. 3, 613-626.
46. Dinh T.-C., Nguyen V.A., Comparison of dynamical degrees for semi-conjugate meromorphic maps, *Comment. Math. Helv.* **86** (2011), no. 4, 817-840.
47. Dinh T.-C., Sibony N., Exponential mixing for automorphisms on compact Kähler manifolds, *Contemp. Math.*, **532** (2010), Amer. Math. Soc., Providence, RI, 107-114.
48. Dinh T.-C., Nguyen V.A., On the Lefschetz and Hodge-Riemann theorems, *Illinois J. Math.*, **57** (2013), no. 1, 121-144.
49. Dinh T.-C., Nguyen V.A., Sibony N., Heat equation and ergodic theorems for Riemann surface laminations, *Math. Ann.*, **354** (2012), no. 1, 331-376.
50. de Thélin H., Dinh T.-C., Dynamics of automorphisms on compact Kähler manifolds, *Adv. Math.*, **229** (2012), no. 5, 2640-2655.
51. Dinh T.-C., Equidistribution of periodic points for modular correspondences, *J. Geom. Analysis*, **23** (2013), no. 3, 1189-1195.
52. Dinh T.-C., Nguyen V.A., Truong T.T, On the dynamical degrees of meromorphic maps preserving a fibration, *Comm. Contemporary Math.* **14** (2012), no. 6, 1250042, 18 pp.
53. Dinh T.-C., Nguyen V.A., Sibony N., Entropy for hyperbolic Riemann surface laminations I, *Frontiers in complex dynamics: a volume in honor of John Milnor's 80th birthday*, 569-592, Princeton Math. Ser., **51**, Princeton Univ. Press, Princeton, NJ, 2014.
54. Dinh T.-C., Nguyen V.A., Sibony N., Entropy for hyperbolic Riemann surface laminations II, *Frontiers in complex dynamics: a volume in honor of John Milnor's 80th birthday*, 593-621, Princeton Math. Ser., **51**, Princeton Univ. Press, Princeton, NJ, 2014.
55. Dinh T.-C., Sibony N., Equidistribution of varieties for endomorphisms of projective spaces, *Vietnam J. Math.*, the volume in honor of Professor Ha Huy Khoai, **39** (2011), no. 3, 369-379.
56. Dinh T.-C., Marinescu G., Schmidt V., Equidistribution of zeros of holomorphic sections in the non compact setting, *Journal of Statistical Physics* **148** (2012), Number 1, 113-136.
57. Dinh T.-C., Vu D.-V., Asymptotic number of scattering resonances for generic Schrödinger operators, *Comm. Math. Phys.* **326** (2014), no. 1, 185-208
58. Dinh T.-C., Nguyen V.A., Characterization of Monge-Ampère measures with Hölder continuous potentials, *J. Funct Analysis* **266** (2014), no. 1, 67-84.
59. Dinh T.-C., Tits alternative for automorphism groups of compact Kähler manifolds, *Acta Math. Vietnamica*, Volume 37 (special volume VIASM), Number 4 (2012), 513-529.
60. Dinh T.-C., Sibony N., Rigidity of Julia sets for Hénon type maps, *J. Mod. Dyn.* **8** (2014), no. 3-4, 499-548.

61. Dinh T.-C., Nguyen V.A., Truong T.T., Equidistribution for meromorphic maps with dominant topological degree, *Indiana J. Math.* **64** (2015), no. 6, 1805-1828.
62. Dinh T.-C., Sibony N., Equidistribution of saddle periodic points for Hénon-type automorphisms of \mathbf{C}^k , *Math. Ann.* **366** (2016), no. 3-4, 1207-1251. DOI: 10.1007/s00208-016-1369-2
63. Dinh T.-C., Ma X., Marinescu G., Equidistribution and convergence speed for zeros of holomorphic sections of singular Hermitian line bundles, *J. Funct. Analysis* **271** (2016), no. 11, 3082-3110.
64. Dinh T.-C., Hu F., Zhang D.-Q., Compact Kähler manifolds admitting large solvable groups of automorphisms, *Adv. Math.* **281** (2015), 333-352.
65. Dinh T.-C., Ma X., Nguyen V.-A., Equidistribution speed for Fekete points associated with an ample line bundle, *Ann. Sci. Ec. Norm. Super. (4)* **50** (2017), no. 3, 545-578.
66. Dinh T.-C., Nguyen V.A., Truong T.T., Growth of the number of periodic points for meromorphic maps, *Bull. London Math. Soc.* **49** (2017), no. 6, 947-964. DOI: 10.1112/blms.12082
67. Dinh T.-C., Ma X., Nguyen V.A., On the asymptotic behavior of Bergman kernels for positive line bundles, *Pacific Journal of Math.* **289** (2017), no. 1, 71-89.
68. Dinh T.-C., Sibony N., Equidistribution problems in complex dynamics of higher dimension, *Int. J. Math.* **28** (2017), no. 7, 1750057, 31 pp. DOI: 10.1142/S0129167X17500574
69. Dinh T.-C., Large deviation theorem for zeros of polynomials and Hermitian random matrices, *J. Geom. Analysis* (2020) 30:2558-2580 (special volume in memory of G. Henkin).
70. Dinh T.-C., Nguyen V.A., Large deviation theorem for some beta-ensembles, *Transactions AMS* **370** (2018), no. 9, 6565-6584.
71. Dinh T.-C., Nguyen V.-A., Vu D.-V., Super-potentials, densities of currents and number of periodic points for holomorphic maps, *Advance in Math.* **331** (2018), 874-907.
72. Dinh T.-C., Sibony N., Density of positive closed currents, a theory of non-generic intersections, *J. Alg. Geom.* **27** (3) (2018), 497-551.
73. Dinh T.-C., Sibony N., Unique ergodicity for foliations in \mathbf{P}^2 with an invariant curve, *Invent. math.* **211** (2018), no. 1, 1-38. DOI 10.1007/s00222-017-0744-2
74. Dinh T.-C., Vu D.-V., Estimate of deviation for random covariance matrices, *Michigan J. Math.* **68** (2019), no. 3, 597-620.
75. Dinh T.-C., Pluripotential theory and complex dynamics in higher dimension, *Proceedings ICM-2018 Rio de Janeiro*, Vol. **3**, 1579-1600.
76. Dinh T.-C., Oguiso K., A surface with discrete and non-finitely generated automorphism group, *Dukes math. J.* **168** (2019), no. 6, 941-966.
77. Dinh T.-C., Nguyen V.-A., Distribution of scattering resonances for generic Schrödinger operators, *J. Funct. Analysis* **278** (2020), no. 10, 108446.
78. Dinh T.-C., Sibony N., Open problem in foliation theory, *Acta Math. Vietnamica*. Special volume in memory of Prof. Le Van Thiem. **45** (2020), no. 1, 103-112.

79. Dinh T.-C., Kaufmann L., Wu H., Dynamics of holomorphic correspondences on a Riemann surface. *Int. J. Math.* Vol. 31, No. 5 (2020) 2050036 (21 pages).
80. Dinh T.-C., Vu D.-V., Algebraic flows on commutative complex Lie groups, *Comment. Math. Helv.* **95** (2020), no. 3, 421-460.
81. Dinh T.-C., Kaufmann L., Wu H., Products of random matrices: a dynamical point of view, *Pure and Applied Mathematics Quarterly* **17** (special volume in honor of Duong Hong Phong), Number 3 (2021), 933-969.
82. Berteloot F., Dinh T.-C., The Mandelbrot set is the shadow of a Julia set, *Discrete Contin. Dyn. Syst.* **40** (2020), no. 12, 6611-6633.
83. Dinh T.-C., Wu H., Harmonic currents directed by foliations by Riemann surfaces, *Proc. Amer. Math. Soc.* **149** (2021), 3453-3461.
84. Dinh T.-C., Oguiso K., Yu X., Smooth rational projective varieties with non-finitely generated discrete automorphism group and infinitely many real forms, *Math. Ann.* **383** (2022), no. 1-2, 399-414. DOI: 10.1007/s00208-021-02206-6
85. Dinh T.-C., Lin H.-Y., Oguiso K., Zhang D.-Q., Zero entropy automorphisms of compact Kähler manifolds and dynamical filtrations, *Geom. Funct. Anal.* **32** (2022), no. 3, 568-594. DOI: 10.1007/s00039-022-00599-3
86. Dinh T.-C., Marinescu G., Vu D.-V., Moser-Trudinger inequalities and Monge-Ampère equations, *Ann. Sc. norm. super. Pisa*, to appear. arXiv:2006.07979
87. Dinh T.-C., Kolodziej S., Nguyen N.-C., The Complex Sobolev Space and Hölder continuous solutions to Monge-Ampère equations, *Bull. London Math. Soc.* **52** (2022), no 2, 772-790. DOI: 10.1112/blms.12600
88. Dinh T.-C., Nguyen V.A., Sibony N., Unique Ergodicity for foliations on compact Kähler surfaces, *Duke Math. J.* **117** (2022), no 13, 2627-2698. DOI: 10.1215/00127094-2022-0044
89. Bianchi F., Dinh T.-C., Equilibrium states of endomorphisms of \mathbb{P}^k I: existence and properties, *J. Math. Pures. Appl.(9)* **172** (2023), 164-201.
90. Dinh T.-C., Kaufmann L., Wu H., Random walks on $SL_2(\mathbb{C})$: spectral gap and local limit theorems, *Probability Theory and Related Fields*. DOI: 10.1007/s00440-023-01191-y
91. Dinh T.-C., Oguiso K., Yu X., Smooth complex projective rational surfaces with infinitely many real forms, *J. reine angew. Math.* **794** (2023), 267-280. DOI: 10.1515/crelle-2022-0087
92. Dinh T.-C., Ghosh S., Tran H.-S., Tran M.-H., Quantitative Marcinkiewicz's theorem and central limit theorems: applications to spin systems and point processes, *preprint* (2021). arXiv:2107.08469
93. Dinh T.-C., Kaufmann L., Wu H., Decay of Fourier coefficients for Furstenberg measures, *Trans. AMS*, to appear. arXiv:2108.06006
94. Dinh T.-C., Kaufmann L., Wu H., Berry-Esseen bound and Local Limit Theorem for the coefficients of products of random matrices, *J. Inst. Math. Jussieu*, to appear. DOI: 10.1017/S1474748022000561

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