

Liste de publications de Charles Favre

Article de survol

- C. Favre. *Le groupe de Cremona et ses sous-groupes de type fini*. Séminaire Bourbaki. Volume 2008/2009. Exposés 997—1011. Astérisque No. 332 (2010), Exp. No. 998, vii, 11–43.
- C. Favre. *Equidistribution problems in holomorphic dynamics in \mathbf{P}^2* . Dynamical systems. Part II, Publ. Cent. Ric. Mat. Ennio Giorgi, 79–111, Scuola Norm. Sup. di Pisa, 2003.

Livre

- C. Favre et M. Jonsson. *The valuative tree*. Lecture Notes in Mathematics, 1853, Springer-Verlag, Berlin, 2004.
- C. Favre et T. Gauthier. *The arithmetic of polynomial dynamical pairs*. 246 pages.
arXiv:2004.13801

Articles

1. C. Favre. *Points périodiques d'applications birationnelles de \mathbf{P}^2* . Ann. Inst. Fourier, 48 (1998), no. 4, 999–1023.
2. C. Favre. *Note on pull-back and Lelong number of currents*. Bull. Soc. Math. France, 127 (1999), no. 3, 445–458.
3. C. Favre. *Classification of 2-dimensional contracting rigid germs and Kato surfaces. I*. J. Math. Pures Appl. (9) 79 (2000), no. 5, 475–514.
4. C. Favre. *Multiplicity of holomorphic functions*. Math. Ann., 316 (2000), no. 2, 355–378.
5. J. Diller et C. Favre. *Dynamics of bimeromorphic maps of surfaces*. Amer. J. Math., 123 (2001), no. 6, 1135–1169.

6. C. Favre et V. Guedj. *Dynamique des applications rationnelles des espaces multiprojectifs*. Indiana Univ. Math. J. 50 (2001), no. 2, 881–934.
7. C. Favre et M. Jonsson. *Brolin's theorem for curves in two complex dimensions*. Ann. Inst. Fourier 53 (2003), 1461–1501.
8. C. Favre. *Les applications monomiales en deux dimensions*. Michigan Math. J., 51 (2003), no. 3, 467–475.
9. S. Cantat et C. Favre. *Symétries birationnelles des surfaces feuilletées*. J. Reine Angew. Math., 561 (2003), 199–235. *Corrigendum*. J. Reine Angew. Math., 582 (2005), 229–231.
10. C. Favre, et J. Rivera-Letelier. *Théorème d'équidistribution de Brolin en dynamique p -adique*. C. R. Math. Acad. Sci. Paris 339 (2004), no. 4, 271 – 276.
11. C. Favre et M. Jonsson. *Valuative analysis of plurisubharmonic functions*. Invent. Math. 162 (2005), no. 2, 271 – 311.
12. C. Favre et M. Jonsson. *Valuations and multiplier ideals*. J. Amer. Math. Soc., 18 (2005), no. 4, 655 – 684.
13. C. Favre, et J. Rivera-Letelier. *Equidistribution quantitative des points de petite hauteur sur la droite projective*. Math. Ann. 335 (2006), no. 2, 311 – 361. *Corrigendum*. Math. Ann. 339 (2007), no. 4, 799 – 801.
14. C. Favre et M. Jonsson. *Eigenvaluations*. Ann. Sci. de l'ENS 40 (2007), no. 2, 309 – 349.
15. S. Boucksom, C. Favre et M. Jonsson. *Degree growth of meromorphic surface maps*. Duke Math. J. 141 (2008) no. 3, 519 – 558.
16. R. Dujardin et C. Favre. *Distribution of rational maps with a preperiodic critical point*. Amer. J. Math., 130 (2008), no. 4, 979 – 1032.
17. S. Boucksom, C. Favre et M. Jonsson. *Valuations and plurisubharmonic singularities* Publ. Res. Inst. Math. Sci. 44 (2008), no. 2, 449 – 494.

18. S. Boucksom, C. Favre et M. Jonsson. *Differentiability of volumes of divisors and a problem of Teissier*. J. Algebraic Geom. 18 (2009), no. 2, 279 – 308.
19. C. Favre, et J. Rivera-Letelier. *Théorie ergodique des fractions rationnelles sur un corps ultramétrique*. Proc. Lond. Math. Soc. (3) 100 (2010), no. 1, 116 – 154.
20. C. Favre. *Holomorphic self-maps of singular rational surfaces*. Publ. Mat. 54 (2010), no. 2, 389 – 432.
21. C. Favre et M. Jonsson. *Compactification of polynomial mappings of \mathbf{C}^2* . Ann. of Math. (2) 173 (2011), no. 1, 211 – 248.
22. C. Favre et J. Vitorio Pereira. *Foliations invariant by rational maps*. Math. Z. 268 (2011), no. 3-4, 753 – 770.
23. C. Favre et E. Wulcan. *Degree growth of monomial maps and McMullen’s polytope algebra*. Indiana Math. J., Vol. 61, No. 2 (2012).
24. C. Favre, J. Kiwi, et E. Trucco. *A non-archimedean Montel’s theorem*. Compositio 148 (2012), 966 – 990.
arXiv:1105.0746
25. S. Boucksom, T. De Fernex, et C. Favre. *The volume of an isolated singularity*. Duke Math. J. 161, Number 8 (2012), 1455 – 1520.
arXiv:1011.2847
26. C. Favre, M. Ruggiero. *Normal surface singularities admitting contracting automorphisms*. Annales Mathématiques de la faculté des sciences de Toulouse, Volume 23 no. 4, pp. 797 – 828, (2014).
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27. S. Boucksom, C. Favre et M. Jonsson. *A refinement of Izumi’s Theorem*. Valuation Theory in Interaction, 55–81. EMS Series of Congress Reports, vol 10. European Mathematical Society, Zürich, (2014).
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28. S. Boucksom, T. de Fernex, C. Favre, et S. Urbinati. *Valuation spaces and multiplier ideals on singular varieties*. in "Recent Advances in Algebraic Geometry," volume in honor of Rob Lazarsfeld's 60th birthday, 29 – 51, London Math. Soc. Lecture Note Series, (2015).
arXiv:1307.0227
29. C. Favre. *Countability properties of some Berkovich spaces*. In "Berkovich Spaces and Applications", Lecture Notes in Mathematics n. 2119, pp. 119 – 132, Springer verlag, (2015).
arXiv:1011.6233
30. S. Boucksom, C. Favre et M. Jonsson. *Solution to a non-Archimedean Monge-Ampère equation*. J. Amer. Math. Soc. 28 (2015), 617 – 667.
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31. C. Favre, T. Gauthier. *Distribution of postcritically finite polynomials*. Israel J. of Math. 209 (2015), 235 – 292.
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32. C. Favre, J. V. Pereira. *Webs invariant by rational maps on surfaces*. Rendiconti del Circolo Matematico di Palermo 64 (2015) 403 – 431.
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33. S. Boucksom, C. Favre et M. Jonsson. *Singular semipositive metrics in non-Archimedean geometry*. J. Algebraic Geom. 25 (2016), 77 – 139.
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34. R. Dujardin, C. Favre. *The dynamical Manin-Mumford problem for plane polynomial automorphisms*. JEMS. 19, Issue 11, (2017), pp. 3421 – 3465
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35. C. Favre, T. Gauthier. *Classification of special curves in the space of cubic polynomials*. International Mathematics Research Notices, Volume 2018, Issue 2, (2018), Pages 362 – 411
arXiv:1603.05126

36. C. Favre, J.-L. Lin. *Degree Growth of Rational Maps Induced from Algebraic Structures*. Conformal geometry and dynamics, (2017), Volume 21, Pages 353 – 368
arXiv:1609.04127
37. C. Favre, T. Gauthier. *Continuity of the Green function in meromorphic families of polynomials*. Algebra & Number Theory, Volume 12, Number 6 (2018), 1471 – 1487.
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38. C. Favre. *Degenerations of endomorphisms of the complex projective space in the hybrid space*. Journal de l'IMJ. (2018), 1 – 43.
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39. E. Di Nezza, C. Favre. *Regularity of push-forward of Monge-Ampère measures*. Annales de l'Institut Fourier, Tome 68 (2018) no. 7, pp. 2965–2979.
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40. L. Fantini, C. Favre, M. Ruggiero. *Links of sandwiched surface singularities and self-similarity*. Manuscripta math. (2019)
arXiv:1802.08594
41. R. Dujardin, C. Favre. *Degenerations of $SL(2, \mathbf{C})$ -representations and Lyapunov exponents*. Annales H. Lebesgue (2019).
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Prépublications

- N.-B. Dang, C. Favre. *Intersection theory of nef b -divisor classes*. 38 pages
arXiv:2007.04549
- N.-B. Dang, C. Favre. *Spectral interpretations of dynamical degrees and applications*. 57 pages
arXiv:2006.10262