

PUBLICATIONS

- [1] J.-P. Allouche, M. Laborde, *Vibrations du tore T^k de classe $C^{k/2}$* , Séminaire d'Analyse Harmonique d'Orsay **77** (1976–1977), Exposé 1.
- [2] J.-P. Allouche, *Vibrations non bornées des tores plats*, C. R. Acad. Sci. t. **287**, Sér. A (1978), 391–393.
- [3] J.-P. Allouche, *Vibrations de classe $C^{s/2}$ des tores plats T^s et théorie des nombres*, Publ. Math. Orsay vol 78–05 (1978).
- [4] J.-P. Allouche, *Sur la conjecture de “Syracuse-Kakutani-Collatz”*, Séminaire de Théorie des Nombres, Bordeaux (1978–1979), Exposé 9.
- [5] J.-P. Allouche, *Somme des chiffres et transcendance*, Bull. Soc. Math. France **110** (1982), 279–285.
- [6] J.-P. Allouche, C. Reder, *Période des oscillations d'un automate cellulaire*, C. R. Acad. Sci. t. **294**, Sér. A (1982), 497–500.
- [7] J.-P. Allouche, M. Cosnard, *Itérations de fonctions unimodales et suites engendrées par automates*, C. R. Acad. Sci. t. **296**, Sér. A (1983), 159–162.
- [8] J.-P. Allouche, *Suites infinies à répétitions bornées*, Séminaire de Théorie des Nombres, Bordeaux (1983–1984), 20-01–20-11, Exposé 20.
- [9] J.-P. Allouche, C. Reder, *Oscillations spatio-temporelles engendrées par un automate cellulaire*, Discr. Appl. Math. **8** (1984), 215–254.
- [10] J.-P. Allouche, H. Cohen, *Dirichlet series and curious infinite products*, Bull. Lond. Math. Soc. **17** (1985), 531–538.
- [11] J.-P. Allouche, M. Mendès France, *Suite de Rudin-Shapiro et modèle d'Ising*, Bull. Soc. Math. France **113** (1985), 273–283.
- [12] J.-P. Allouche, M. Mendès France, *On an extremal property of the Rudin-Shapiro sequence*, Mathematika **32** (1985), 33–38.
- [13] J.-P. Allouche, M. Mendès France, *Quasi-crystal Ising chain and automata theory*, J. Stat. Phys. **42** (1986), 809–821.
- [14] J.-P. Allouche, J. Peyrière, *Sur une formule de récurrence sur les traces de produits de matrices associées à certaines substitutions*, C. R. Acad. Sci. t. **302**, Sér. II, **18** (1986).
- [15] F. Axel, J.-P. Allouche, M. Kleman, M. Mendès France, J. Peyrière, *Vibrational modes in a one dimensional “quasi-alloy”, the Morse case*, J. Phys. Colloques, 1986, Workshop on aperiodic crystals, Les Houches (March 1986), 11–20.
- [16] J.-P. Allouche, *Arithmétique et automates finis*, Astérisque S.M.F. **147–148** (1987), 13–26.
- [17] J.-P. Allouche, H. Cohen, M. Mendès France, J. Shallit, *De nouveaux curieux produits infinis*, Acta Arith. **49**, **2** (1987), 141–153.
- [18] J.-P. Allouche, *Automates finis en théorie des nombres*, Expo. Math. **5** (1987), 239–266.
- [19] J.-P. Allouche, B. Randé, L. Thimonier, *Séries entières automatiques*, Actes du Congrès STACS 88, Lecture Notes in Computer Science **294** (1988), 170–183.
- [20] J.-P. Allouche, *Sur le développement en fraction continue de certaines séries formelles*, C. R. Acad. Sci. Paris t. **307**, Sér. I (1988), 631–633.

- [21] J.-P. Allouche, J.-M. Deshouillers, *Répartition de la suite des puissances d'une série formelle algébrique*, Colloque de Théorie Analytique des Nombres "Jean Coquet", Journées S.M.F.--C.N.R.S., C.I.R.M. Luminy 1985, Publ. Math. Orsay **88-02** (1988).
- [22] J.-P. Allouche, M. Mendès France, G. Tenenbaum, *Entropy: an inequality*, Tokyo J. Math. **11**, **2** (1988), 323–328.
- [23] J.-P. Allouche, M. Mendès France, A. J. van der Poorten, *Indépendance algébrique de certaines séries formelles*, Bull. Soc. Math. France **116** (1988), 449–454.
- [24] J.-P. Allouche, P. Hajnal, J. Shallit, *Analysis of an infinite product algorithm*, SIAM J. Discr. Math. **2**, **1** (1989), 1–15.
- [25] J.-P. Allouche, J. Shallit, *Infinite products associated with counting blocks in binary numbers*, J. Lond. Math. Soc. **39**, **2** (1989), 193–204.
- [26] J.-P. Allouche, *On a sequence of rational functions*, Actes du Congrès "Arithmétique et Systèmes Codés", C.I.R.M. Luminy 1987, Theoret. Comput. Sci. **65** (1989), 123–130.
- [27] J.-P. Allouche, J. Bétréma, J. Shallit, *Sur des points fixes de morphismes d'un monoïde libre*, RAIRO, Informatique Théorique et Applications **23**, **3** (1989), 235–249.
- [28] J.-P. Allouche, A. Mouret, *Libertés non anarchiques, automates finis et champs matriciels*, Actes du Colloque "Structures Musicales et Assistance Informatique", Composition et Analyse, Marseille 1988, **M.I.M.** (1989).
- [29] J.-P. Allouche, *Note sur un article de Sharif et Woodcock*, Séminaire de Théorie des Nombres, Bordeaux, Deuxième Série **1** (1989), 163–187.
- [30] J.-P. Allouche, *Finite automata in 1-D and 2-D Physics*, Number Theory and Physics, Proceedings of the Winter School, Les Houches, France, March 7-16 1989, J.-M. Luck, P. Moussa and M. Waldschmidt editors, Springer Proceedings in Physics **47** (1990), Springer Verlag, 177–184.
- [31] J.-P. Allouche, F. Dress, *Tours de Hanoi et automates*, RAIRO, Informatique Théorique et Applications **24** (1990), 1–15.
- [32] J.-P. Allouche, *Sur la transcendance de la série formelle II*, Séminaire de Théorie des Nombres, Bordeaux, Deuxième Série **2**, **1** (1990), 103–117.
- [33] J.-P. Allouche, *Ordre, chaos, automates et musique*, "Ordre et Chaos", Travaux du Séminaire Interdisciplinaire du M.I.M. **I** (1989), 27–38.
- [34] J.-P. Allouche, P. Flajolet, M. Mendès France, *Algebraically independent formal power series: a language theory interpretation*, Lecture Notes in Math. **1434**, Analytic Number Theory, K. Nagasaka and E. Fouvry editors, Proc. Tokyo (1988), 11–18.
- [35] J.-P. Allouche, J. Shallit, *Sum of digits and the Hurwitz zeta function*, Lecture Notes in Math. **1434**, Analytic Number Theory, K. Nagasaka and E. Fouvry editors, Proc. Tokyo (1988), 20–30.
- [36] J.-P. Allouche, O. Salon, *Robinson tilings and 2-dimensional automata*, Quasicrystals, Networks and Molecules of Fivefold Symmetry, I. Hargittai editor, VCH Publishers Inc. (1990), 97–105.
- [37] J.-P. Allouche, M. Mendès France, A. van der Poorten, *An infinite product with bounded partial quotients*, Acta Arith. **59** (1991), 171–182.
- [38] J.-P. Allouche, P. Liardet, *Generalized Rudin-Shapiro sequences*, Acta Arith. **60** (1991), 1–27.
- [39] J.-P. Allouche, P. Morton, J. Shallit, *Pattern spectra, substring enumeration and automatic sequences*, Theoret. Comput. Sci. **94** (1992), 161–174.
- [40] J.-P. Allouche, J. Shallit, *The ring of k -regular sequences*, Theoret. Comput. Sci. **98** (1992), 163–197.

- [41] J.-P. Allouche, *The number of factors in a paperfolding sequence*, Bull. Austral. Math. Soc. **46** (1992), 23–32.
- [42] J.-P. Allouche, R. Bacher, *Toeplitz sequences, paperfolding, Hanoi towers and progression-free sequences of integers*, Ens. Math. **38** (1992), 315–327.
- [43] F. Axel, J.-P. Allouche, Z.-Y. Wen, *On certain properties of high-resolution x-ray diffraction spectra of finite-size generalized Rudin-Shapiro multilayer heterostructures*, J. Phys.: Condens. Matter **4** (1992), 8713–8728.
- [44] J.-P. Allouche, *Complexity of infinite sequences and the Ising transducer*, Cellular Automata and Cooperative systems, Eds N. Boccara, E. Goles, S. Martinez and P. Picco, NATO ASI series, Series C: Mathematical and Physical Sciences, vol. 396, Kluwer Academic Publishers (1993), 1–9.
- [45] J.-P. Allouche, O. Salon, *Sous-suites polynomiales de certaines suites automatiques*, Journal de Théorie des Nombres de Bordeaux **5** (1993), 111–121.
- [46] J.-P. Allouche, J. Shallit, *Complexité des suites de Rudin-Shapiro généralisées*, Journal de Théorie des Nombres de Bordeaux **5** (1993), 283–302.
- [47] J.-P. Allouche, *Note on the cyclic towers of Hanoi*, Theoret. Comput. Sci. **123** (1994), 3–7.
- [48] J.-P. Allouche, *Sur la complexité des suites infinies*, Bull. Belg. Math. Soc. **1** (1994), 133–143.
- [49] J.-P. Allouche, M. Bousquet-Mélou, *Facteurs des suites de Rudin-Shapiro généralisées*, Bull. Belg. Math. Soc. **1** (1994), 145–164.
- [50] J.-P. Allouche, M. Bousquet-Mélou, *Canonical positions for the factors in the paperfolding sequences*, Theoret. Comput. Sci. **129** (1994), 263–278.
- [51] J.-P. Allouche, D. Astoorian, J. Randall, J. Shallit, *Morphisms, squarefree strings, and the tower of Hanoi puzzle*, Amer. Math. Monthly **101** (1994), 651–658.
- [52] J.-P. Allouche, M. Mendès France, *Automata and automatic sequences*, Beyond quasicrystals, Éd. F. Axel, D. Gratias, (1995), Springer/Les Éditions de Physique, 293–367.
- [53] J.-P. Allouche, A. Arnold, J. Berstel, S. Brlek, W. Jockush, S. Plouffe, B. E. Sagan, *A relative of the Thue-Morse sequence*, Discrete Math. **139** (1995), 455–461.
- [54] J.-P. Allouche, T. Johnson, *Finite automata and morphisms in assisted musical composition*, Journal of New Music Research **24** (1995), 97–108.
- [55] J.-P. Allouche, M. Bousquet-Mélou, *On the conjectures of Rauzy and Shallit for infinite words*, Commentationes Math. Univ. Carolinae **36** (1995), 705–711.
- [56] J.-P. Allouche, T. Johnson, *Narayana’s cows and delayed morphisms*, Cahiers du GREYC, troisièmes journées d’informatique musicale, JIM 96 **4** (1996), 2–7.
- [57] J.-P. Allouche, F. von Haeseler, H.-O. Peitgen, G. Skordev, *Linear cellular automata, finite automata and Pascal’s triangle*, Discrete Applied Mathematics **66** (1996), 1–22.
- [58] J.-P. Allouche, A. Lubiw, M. Mendès France, A. J. van der Poorten, J. Shallit, *Convergents of folded continued fractions*, Acta Arithmetica **77** (1996), 77–96.
- [59] J.-P. Allouche, *Transcendence of the Carlitz-Goss Gamma function at rational arguments*, J. Number Theory **60** (1996), 318–328.
- [60] J.-P. Allouche, *Note on the constructible sets of a topological space*, Papers on General Topology and Applications, Eleventh Summer Conference at the University of Southern Maine, Edited by S. Andima, R. C. Flagg, G. Itzkowitz, Y. Kong, R. Kopperman, P. Misra, Annals of the New-York Academy of Science **806** (1996), 1–10.

- [61] J.-P. Allouche, V. Berthé, *Triangle de Pascal, complexité et automates*, Bull. Belg. Math. Soc. **4** (1997), 1–23.
- [62] J.-P. Allouche, E. Cateland, W. J. Gilbert, H.-O. Peitgen, J. Shallit, G. Skordev, *Automatic maps on semiring with digits*, Theory Comput. Syst. (Math. Systems Theory) **30** (1997), 285–331.
- [63] J.-P. Allouche, *Schrödinger operators with Rudin-Shapiro potentials are not palindromic*, J. Math. Phys., Special Issue “Quantum Problems in Condensed Matter Physics” **38** (1997), 1843–1848.
- [64] J.-P. Allouche, *A remark on Apéry’s numbers*, J. Comput. Appl. Math. **83** (1997), 123–125.
- [65] J.-P. Allouche, F. von Haeseler, H.-O. Peitgen, A. Petersen, G. Skordev, *Automaticity of double sequences generated by one-dimensional linear cellular automata*, Theoret. Comput. Sci. **188** (1997), 195–209.
- [66] J.-P. Allouche, *Note on the transcendence of a generating function*, Proceedings of the Palanga Conference for the 75th birthday of Prof. Kubilius, New Trends in Probability and Statistics, A. Laurincikas, E. Manstavicius and V. Stakenas (Eds) **4** (1997), 461–465.
- [67] J.-P. Allouche, L. Q. Zamboni, *Algebraic irrational binary numbers cannot be fixed points of non-trivial constant length or primitive morphisms*, J. Number Theory **69** (1998), 119–124.
- [68] J.-P. Allouche, J. Peyrière, Z. X. Wen, Z. Y. Wen, *Hankel determinants of the Thue-Morse sequence*, Ann. Inst. Fourier **48** (1998), 1–27.
- [69] J.-P. Allouche, J. Currie, J. Shallit, *Extremal infinite overlap-free binary words*, Electronic J. Combinatorics **5** (1) (1998).
- [70] B. Leblanc, É. Lutton, J.-P. Allouche, *Inverse problems for finite automata: a solution based on genetic algorithms*, Lecture Notes in Computer Science (Artificial Evolution, 1997, Eds. J.-K. Hao, E. Lutton, E. Ronald, M. Schoenauer, D. Snyers) **1363** (1998), 157–166.
- [71] J.-P. Allouche, J. Shallit, *Generalized perturbed symmetries*, European J. Combinatorics **19** (1998), 401–411.
- [72] J.-P. Allouche, D. Gouyou-Beauchamps, G. Skordev, *Transcendence of binomial and Lucas’ formal power series*, J. Algebra **210** (1998), 577–592.
- [73] J.-P. Allouche, D. Thakur, *Automata and transcendence of Tate period in finite characteristic*, Proc. Amer. Math. Soc **127** (1999), 1309–1312.
- [74] J.-P. Allouche, *Transcendence of formal power series with rational coefficients*, Theoret. Comput. Sci. **218** (1999), 143–160.
- [75] J.-P. Allouche, J. Shallit, *The ubiquitous Prouhet-Thue-Morse sequence*, in: Sequences and their applications, Proceedings of SETA’98, C. Ding, T. Helleseth and H. Niederreiter (Eds.) (1999), Springer Verlag, 1–16.
- [76] J.-P. Allouche, J. Shallit, *Sums of digits, overlaps, and palindromes*, Discrete Math. & Theoret. Comput. Sci. **4** (2000), 1–10.
- [77] J.-P. Allouche, G. Skordev, *Schur congruences, Carlitz sequences of polynomials and automaticity*, Discrete Math. **214** (2000), 21–49.
- [78] J.-P. Allouche, M. Cosnard, *The Komornik-Loreti constant is transcendental*, Amer. Math. Monthly **107** (2000), 448–449.
- [79] J.-P. Allouche, M. Mendès France, J. Peyrière, *Automatic Dirichlet series*, J. Number Theory **81** (2000), 359–373.
- [80] J.-P. Allouche, *Nouveaux résultats de transcendance de réels à développement non aléatoire*, Gazette des Mathématiciens **84** (2000), 19–34.

- [81] J.-P. Allouche, K. Scheicher, R. F. Tichy, *Regular maps in generalized number systems*, Math. Slovaca **50** (2000), 41–58.
- [82] J.-P. Allouche, *Algebraic and analytic randomness*, in Noise, Oscillators and algebraic randomness, Lecture Notes in Physics, M. Planat editor (2000), Springer, 345–356.
- [83] J.-P. Allouche, M. Cosnard, *Non-integer bases, iteration of continuous real maps, and an arithmetic self-similar set*, Acta Math. Hung. **91** (2001), 325–332.
- [84] J.-P. Allouche, J.-M. Deshouillers, T. Kamae, T. Koyanagi, *Automata, algebraicity, and distribution of sequences of powers*, Ann. Inst. Fourier **51** (2001), 687–705.
- [85] J.-P. Allouche, M. Courbage, G. Skordev, *Notes on cellular automata*, Cubo, Matemática Educacional **3** (2001), 213–244.
- [86] J.-P. Allouche, M. Courbage, J. Kung, G. Skordev, *Cellular automata*, in Encyclopedia of Physical Science and Technology, Third Edition, vol. 2 (2001), Academic Press, 555–567.
- [87] J.-P. Allouche, J. L. Davison, M. Queffélec, L. Q. Zamboni, *Transcendence of Sturmian or morphic continued fractions*, J. Number Theory **91** (2001), 39–66.
- [88] J.-P. Allouche, M. Baake, J. Cassaigne, D. Damanik, *Palindrome complexity*, Theoret. Comput. Sci. **292** (2003), 9–31.
- [89] J.-P. Allouche, G. Skordev, *Remarks on permutive cellular automata*, J. Comput. Sci. Sys. **67** (2003), 174–182.
- [90] J.-P. Allouche, J. Shallit, *Automatic sequences. Theory, Applications, Generalizations*, Cambridge University Press (2003), 571 + xvi pages.
- [91] J.-P. Allouche, J. Shallit, *The ring of k -regular sequences, II*, Theoret. Comput. Sci. **307** (2003), 3–29.
- [92] J.-P. Allouche, N. Rampersad, J. Shallit, *On integer sequences whose first iterates are linear*, Aequ. Math. **69** (2005), 114–127.
- [93] J.-P. Allouche, J. Shallit, G. Skordev, *Self-generating sets, integers with missing blocks and substitutions*, Discrete Math. **292** (2005), 1–15.
- [94] J.-P. Allouche, *Automates et algébricités*, J. Théorie des Nombres Bordeaux **17** (2005), 1–11.
- [95] J.-P. Allouche, A. Sapir, *Restricted towers of Hanoi and morphisms*, Lect. Notes Comp. Sci. **3572** (2005), 1–10.
- [96] J.-P. Allouche, V. Berthé, *Some applications of combinatorics on words in number theory, in “Applied Combinatorics on Words”, M. Lothaire*, Cambridge University Press (2005), 520–578.
- [97] G. Allouche, J.-P. Allouche, J. Shallit, *Kolam indiens, dessins sur le sable aux îles Vanuatu, courbe de Sierpinski et morphismes de monoïde*, Ann. Inst. Fourier **56** (2006), 2115–2130.
- [98] J.-P. Allouche, J. Shallit, J. Sondow, *Summation of series defined by counting blocks of digits*, J. Number Theory **123** (2007), 133–143.
- [99] J.-P. Allouche, *Note on an integral of Ramanujan*, Ramanujan J. **14** (2007), 39–42.
- [100] J.-P. Allouche, C. Frougny, K. Hare, *On univoque Pisot numbers*, Math. Comp. **76** (2007), 1639–1660.
- [101] B. Adamczewski, J.-P. Allouche, *Reversals and palindromes in continued fractions*, Theoret. Comput. Sci. **380** (2007), 220–237.
- [102] J.-P. Allouche, G. Skordev, *Von Koch and Thue-Morse revisited*, Fractals **15** (2007), 405–409.

- [103] J.-P. Allouche, J. Sondow, *Infinite products with strongly B-multiplicative exponents*, Annales Univ. Sci. Budapest., Sect. Comp. **28** (2008), 35–53.
- [104] J.-P. Allouche, *A note on univoque self-Sturmian numbers*, RAIRO, Informatique Théorique et Applications **42** (2008), 659–662.
- [105] J.-P. Allouche, M. Mendès France, *Euler, Pisot, Prouhet-Thue-Morse, Wallis and the duplication of sines*, Monatsh. Math. **155** (2008), 301–315.
- [106] J.-P. Allouche, C. Frougny, *Univoque numbers and an avatar of Thue-Morse*, Acta Arith. **136** (2009), 319–329.
- [107] J.-P. Allouche, N. Rampersad, J. Shallit, *Periodicity, repetitions, and orbits of an automatic sequence*, Theoret. Comput. Sci. **410** (2009), 2795–2803.
- [108] J.-P. Allouche, M. Clarke, N. Sidorov, *Periodic unique beta-expansions: the Sharkovskii ordering*, Ergodic Th. Dyn. Syst. **29** (2009), 1055–1074.
- [109] J.-P. Allouche, A. Glen, *Distribution modulo 1 and the lexicographic world*, Annales Sc. Math. Québec **33** (2009), 125–143.
- [110] J.-P. Allouche, Z.-X. Wen, *Univoque numbers and automatic sequences*, in Recent Developments in Fractals and Related Fields, Éd. J. Barral, S Seuret, Series: Applied and Numerical Harmonic Analysis, Birkhäuser (2010), 383–391.
- [111] J.-P. Allouche, A. Glen, *Extremal properties of (epi)sturmian sequences and distribution modulo 1*, Ens. Math., à paraître.
- [112] J.-P. Allouche, L. Maillard-Teyssier, *Inconstancy of finite and infinite sequences*, soumis.

AUTRES PUBLICATIONS : PRÉTIRAGES ET ARTICLES EN PRÉPARATION

AUTRES PUBLICATIONS : ARTICLES DE VULGARISATION

- J.-P. Allouche, *Automates finis en mathématiques et en physique*, Pour la Science **144**, 94–102.
- J.-P. Allouche, M. Mignotte, *Arithmétique et automates*, Le Courrier du CNRS, Images des Mathématiques **Supplément au numéro 69**, 5–9.
- J.-P. Allouche, R. Mosseri, *L'ordre quasipériodique*, Brochure “Maths Physique Express” (2005), 6–9.
- J.-P. Allouche, M. Mendès France, *Nombres normaux : sur les traces du hasard en mathématiques*, La Recherche, les Dossiers **20**, Mathématiques - Nouveaux défis et vieux casse-tête (2005), 36–40.
- J.-P. Allouche, *Suites automatiques et séries formelles algébriques*, Dossier AF175, Mathématiques pour l'ingénieur, Techniques de l'ingénieur (Octobre 2005), AF 175-1–AF 175-8.
- J.-P. Allouche, *Pièces et billets*, Images des Mathématiques, CNRS (2009), disponible à l'URL <http://images.math.cnrs.fr/Pieces-et-billets.html>.
- J.-P. Allouche, *Le principe de Peter*, Images des Mathématiques, CNRS (2010), disponible à l'URL <http://images.math.cnrs.fr/Le-principe-de-Peter.html>.
- [Version italienne, *Il principio di Peter, ovvero: perché il tuo capo è incompetente*, Maddmaths! (2010), disponible à l'URL <http://maddmaths.simai.eu/noi-e/noi-e-image-des-mathematiques/il-principio-di-peter-ovvero-perche-il-tuo-capo-e-incompetente/>].

AUTRES PUBLICATIONS : PUBLICATIONS NON MATHÉMATIQUES

- J.-P. Allouche, *Plaisir des Mathématiques*, Journal de l'ATHÉLEC (Association des thérapeutes du langage et de la communication) **29** (1991), 4–6.
- J. Mandelbrojt, J.-P. Allouche, *Spontanément mathématique*, in Temps et mouvement, La musique et ses doubles, MIM, Marseille (1993), 9–29.
- J.-P. Allouche, J. Mandelbrojt, *Autour des théories de la complexité*, in Temps et mouvement, La musique et ses doubles, MIM, Marseille (1993), 77–101.
- J.-P. Allouche, *Critique de “L’homme à lui-même, correspondance”* (J. Ellul, Didier Nordon), Sociétés (Dunod) **39** (1993), 109.
- J.-P. Allouche, *Critique de “Peu plausible mais vrai” et “Les mathématiques pures n’existent pas !”* (Didier Nordon), Sociétés (Dunod) **44** (1994), 238.
- J.-P. Allouche, M. Frémiot, J. Mandelbrojt, *Des Arts (et/ou) face aux Sciences (Actes de la table ronde du 3 juin 1994, Cité de la musique, Marseille)*, Laboratoire Musique et Informatique de Marseille, 1995, pp. 73–82.
- J.-P. Allouche, F. Delmer, J.-M. Deshouillers, *Trace et mathématique*, Cahiers art et science (Confluences et Université Bordeaux I) **2** (1995), 45–47.
- P. Michor, A. DeKemp, J. Ewing, J.-P. Allouche, H. J. Becker, B. Wegner, *Electronic publishing and electronic publications in mathematics*, Progress in Math. **169** (1998), 315–337.
- J.-P. Allouche, *L’art technologique est-il nouveau ?*, Alliage (Colloque : Le statut de l’art technologique, Fondation des Treilles, 1997) **33–34** (1997–1998), 34–38.
- J.-P. Allouche, *La logique des ensembles*, Archimag, les technologies de l’information **125** (1999), 32.
- J.-P. Allouche, *How New Is Technological Art? in: The Aesthetic Status of Technological Art, Part 2*, Leonardo **32** (1999), 299–323.
- T. Johnson, J.-P. Allouche, *Mathématiques, musiques et multiplicité : une suite caméléon*, Cahiers art et science (Confluences et Université Bordeaux I) **6** (2000), 23–31.
- J.-P. Allouche, *Préface de l’ouvrage “Le livre des virginités”* (Odile Cohen-Abbas), *Éditions Comp’Act* (2001).
- J.-P. Allouche, *La recherche expérimentale en mathématiques*, in Formation scientifique des élèves des voies scientifiques, Actes du Colloque organisé par le SNES, 8 et 9 décembre 2000 (2002), 37–39.
- T. Johnson, J.-P. Allouche, F. Delmer, *Dialogue Tom Johnson (compositeur) J.-P. Allouche (mathématicien) animé par F. Delmer (mathématicienne) in “Qu’est-ce qu’ils fabriquent ?”*, Cahiers art et science (Confluences et Université Bordeaux I) **7** (2002), 151–165.
- J.-P. Allouche, *Les publications de la Société Mathématique de France*, Gazette des Mathématiciens **108** (2006), 89–91.
- J.-P. Allouche, *Entrée “Fractal”*, in Dictionnaire de l’Image, A. Goliot-Lété, M. Joly, T. Lancien, I.-C. Le Mée, F. Vanove, Vuibert (2006), 158–160.
- J.-P. Allouche, L. Maillard-Teyssier, *Mathématiques, musique et émotion*, Math. & Sci. Hum. **178** (2007), 119–124.
- J.-P. Allouche, *Éthique dans la recherche en mathématiques et en informatique*, soumis (2006).
- J.-P. Allouche, *Critique de “Le problème de Nath”*, Revue de la filière mathématique, RMS **118-2** (2008), 189–190.
- J.-P. Allouche, *Critique de “Le problème de Nath”*, Gazette des Mathématiciens **115** (2008), 93–94.
- J.-P. Allouche, *Critique de “Réduction des endomorphismes”*, Quadrature **73** (2009), 22–23.