

Ouvrages ou chapitres d'ouvrages

Références

Émile Picard

- [1] Maryvonne Spiesser, *L'oeuvre de Nicolas Chuquet dans le contexte des savoirs mathématiques de la fin du xv^e siècle*, *Histoire littéraire de la France* **43** (2005), no. 1, 129–172.
- [2] Maryvonne Spiesser, *L'impact des mathématiques pratiques au XVe siècle sur l'évolution de la discipline et son enseignement élémentaire*, dans L. Viennot (dir.), *Didactique, épistémologie et histoire des sciences*, Paris, PUF (coll. Sciences, Histoire, Société), 2008.

ESP

- [3] Philippe Berthet and David M. Mason. Revisiting two strong approximation results of Dudley and Philipp. In *High dimensional probability*, volume 51 of *IMS Lecture Notes Monogr. Ser.*, pages 155–172. Inst. Math. Statist., Beachwood, OH, 2006.
- [4] Christine Camlong-Viot, Juan M. Rodríguez-Póo, and Philippe Vieu. Nonparametric and semiparametric estimation of additive models with both discrete and continuous variables under dependence. In *The art of semiparametrics*, *Contrib. Statist.*, pages 155–178. Physica-Verlag/Springer, Heidelberg, 2006.
- [5] Hervé Cardot and Pascal Sarda. Linear regression models for functional data. In *The art of semiparametrics*, *Contrib. Statist.*, pages 49–66. Physica-Verlag/Springer, Heidelberg, 2006.
- [6] Noel A. C. Cressie, Olivier Perrin, and Christine Thomas-Agnan. Doctors' prescribing patterns in the Midi-Pyrénées region of France : point-process aggregation. In *Case studies in spatial point process modeling*, volume 185 of *Lecture Notes in Statist.*, pages 183–195. Springer, New York, 2006.

MIP

- [7] P. Laurençot, D. Wrzosek, A chemotaxis model with threshold density and degenerate diffusion. *Nonlinear elliptic and parabolic problems*, 273–290, *Progr. Nonlinear Differential Equations Appl.*, 64, Birkhäuser, Basel, 2005.
- [8] N. Crouseilles, F. Filbet, A conservative and entropic method for the Vlasov-Fokker-Planck-Landau equation. *Numerical methods for hyperbolic and kinetic problems*, 59–70, *IRMA Lect. Math. Theor. Phys.*, 7, Eur. Math. Soc., Zürich, 2005.
- [9] N. Crouseilles, F. Filbet, A conservative and entropic method for the Vlasov-Fokker-Planck-Landau equation. *Numerical methods for hyperbolic and kinetic problems*, 59–70, *IRMA Lect. Math. Theor. Phys.*, 7, Eur. Math. Soc., Zürich, 2005.

- [10] Egorov, Y., On multiple solutions for elliptic boundary value problem with two critical exponents, in the book " Harmonic, wavelet and p-adic analysis," 2007, World Scientific Publishing Co., p. 113-139.
- [11] P. Laurençot, *Large time behaviour for diffusive Hamilton-Jacobi equations*, in "Topics in Mathematical Modeling", M. Beneš & E. Feireisl (eds.), Lect. Notes Necas Center Math. Modeling **4**, Matfyzpress, Praha, 2008, pp. 95–168.
- [12] J.-P. Dedieu, *Points fixes, zéros et la méthode de Newton*, SMAI-Springer-Verlag, 2006.
- [13] L. Amodei et J.-P. Dedieu, *Analyse numérique matricielle*, Dunod, série Mathématiques Appliquées pour le Master/SMAI, 2008.
- [14] H. B. Khenous, P. Laborde, Y. Renard. On the discretization of contact problems in elastodynamics. *Lecture Notes in applied and Computational Mechanics : Analysis and simulation of Contact Problems*, volume 27, pages 31–38, 2006.
- [15] Y. Renard. A uniqueness criterion for the Signorini problem with coulomb friction. *Lecture Notes in applied and Computational Mechanics : Analysis and simulation of Contact Problems*, volume 27, pages 161–170, 2006.
- [16] Y. Renard, P. Hild. Local uniqueness results for the discrete coulomb friction problem. *Lecture Notes in applied and Computational Mechanics : Analysis and simulation of Contact Problems*, volume 27, pages 129–136, 2006.
- [17] E. Chahine, P. Laborde, J. Pommier, Y. Renard, M. Salaün. Study of some optimal XFEM type methods. In *Computational Methods in Applied Sciences : Advances in Meshfree Techniques*, pages 27–38. Springer, 2007.
- [18] N. Balin, A. Bendali, F. Collino. Domain Decomposition and Schwarz Additive Techniques in the Solution of a TE Model of the Scattering by an Electrically Deep Cavity In *Selected papers of the 15th International Conference on Domain Decomposition Methods in Science and Engineering, Berlin, Germany, July 21–25 2003* Ed. R. Kornhuber, R. Hoppe, J. Périaux, O. Pironneau and J. Xu, pages 149–156. Springer, 2005
- [19] A. Bendali, M. Fares. Boundary Integral Equations Methods in Acoustics In *Computational Acoustics*, ed. F. Magoules, pages 1–36. Saxe-Coburg Publications, 2008.
- [20] A. Lozinski, R.G. Owens, T.N. Phillips. The Langevin and Fokker-Planck Equations in Polymer Rheology. *Handbook of Numerical Analysis*, sous presse.
- [21] J.-B. Hiriart-Urruty. A note on the Legendre-Fenchel transform of convex composite functions. In *Nonsmooth mechanics and analysis*, volume 12 of *Adv. Mech. Math.*, pages 35–46. Springer, New York, 2006.
- [22] J.-B. Hiriart-Urruty. *Les mathématiques du mieux faire. Vol. 1 : Premiers pas en optimisation*. Collection Opuscles, Editions Ellipses, décembre 2007. 144 pages.
- [23] C. Artigues, O. Koné, P. Lopez, M. Mongeau, E. Néron, and D. Rivreau. Benchmark, instance indicators, and computational comparison of methods. In C. Artigues, S. Demasse, and E. Néron, editors, *Resource-Constrained Project Scheduling Models : Algorithms, Extensions and Applications*, pages 111–140. ISTE-Wiley, 2008.
- [24] J.-B. Hiriart-Urruty. *Les mathématiques du mieux faire. Vol. 2 : La commande optimale pour les débutants*. Collection Opuscles, Editions Ellipses, janvier 2008. 176 pages.
- [25] D. Aussel and P. Maréchal. Chapitre 9 : Optimisation. In J.-A. Weil and A. Yger, editors, *Mathématiques L3 - Mathématiques appliquées*. Pearson Education, 2009.

- [26] J.-P. Raymond, *Optimisation et contrôle de processus industriels et économiques*, *Encyclopédie de l'Informatique et des Systèmes d'Information*, p. 849–860, Vuibert, 2006.
- [27] D. Auroux, M. Masmoudi, and L. Jaafar Belaid. *Image restoration and classification by topological asymptotic expansion*. Variational Formulations in Mechanics : Theory and Applications, E. Taroco, E.A. de Souza Neto and A.A. Novotny (Eds). CIMNE, Barcelona, Spain, 2007.
- [28] D. Auroux, J. Clément, J. Hermetz, M. Masmoudi, and Y. Parte. *Collaborative Design*. Multidisciplinary Design Optimization in Computational Mechanics. Hermes Science Publishing, ISTE Wiley, London, 2009.
- [29] M. Masmoudi. Valorisation de la recherche en mathématiques appliquées : le piano virtuel pianoteq. *Matapli*, 81 :53–56, 2006.
- [30] L. Amodei et J.-P. Dedieu, Analyse numérique matricielle, Dunod, série Mathématiques Appliquées pour le Master/SMAI, 2008.