

LISTE CUMULATIVE DE PUBLICATIONS

PATRICE ABRY

30 NOVEMBRE 2007

CNRS - DR2 : le 1er Octobre 2005
CNRS - CR1 : le 1er Octobre 1999
CNRS - CR2 : le 1er Octobre 1995

Section : 07, Sciences et Technologies de l'Information
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Titre : LOIS D'ÉCHELLE,
des travaux : MULTIFRACTAL ET ONDELETTES
de Recherches : APPLICATIONS AU TÉLÉTRAFIC INFORMATIQUE
ET À LA TURBULENCE DÉVELOPPÉE.

LIVRES (2)

- [L2] Sous la direction de Patrice Abry, Paulo Gonçalves, Jacques Lévy Véhel, Lois d'échelle, Fractals et Ondelettes, Volumes 1 et 2. Hermès, traité Information, Commande, Contrôle, Paris, France, avril 2002.
- [L1] Patrice Abry
Ondelettes et Turbulence - Multirésolutions, algorithmes de décompositions, invariance d'échelle et signaux de pression, Diderot, Editeurs des sciences et des arts, Paris, Octobre 1997, 289 pages.

HABILITATION À DIRIGER DES RECHERCHES

- Patrice Abry
Lois d'échelle, Analyses Multirésolution et Ondelettes. Applications au Télétrafic Informatique et à la Turbulence développée, Université Claude-bernard, Lyon, I, 20 Juin 2001.

THÈSE DE DOCTORAT

- Patrice Abry
Transformées en ondelettes - Analyses multirésolution et signaux de pression en turbulences, Université Claude-bernard, Lyon, I, 22 décembre 1994.

ARTICLES DE VULGARISATION SCIENTIFIQUE (2)

- [V2] P. Abry, P. Flandrin, D. Veitch,
Internet : comment réguler le trafic ?
La Recherche, 384, mars 2005, pp. 50–53.

- [V1] P. Abry, R. Baraniuk, P. Flandrin, R. Riedi, D. Veitch,
Multiscale Network Traffic Analysis, Modeling, and Inference Using Wavelets, Multifractals,
and Cascades,
IEEE Signal Processing Magazine 19(3):28–46, May 2002.

ARTICLES À COMITÉ DE LECTURE PUBLIÉS ÉLECTRONIQUEMENT (1)

- [E1] Souza Neto E.P., Abry P., Frutoso J., Flandrin P., Gharib C. Monitoring heart rate variability adds a significant incremental value in cardiovascular surgery. Society of Cardiovascular Anesthesiologists newsletter. Février 2006.

http://www.scahq.org/sca3/newsletters/2006feb/procon_pro.shtml

ARTICLES PUBLIÉS DANS DES REVUES À COMITÉ DE LECTURE (33)

- [A33] P. Sauli, S.G. Roux, P. Abry, J. Boska,
Acousticgravity waves during solar eclipses: Detection and characterization using wavelet transforms,
Journal of Atmospheric and Solar-Terrestrial Physics, à paraître, 2007.
- [A32] Pierre Borgnat, Patrice Abry, Guillaume Dewaele, Antoine Scherrer, Nicolas Larrieu, Philippe Owezarski, Yann Labit, Laurent Gallon, Julien Ausibal,
Une caractérisation non gaussienne et à longue mémoire du trafic Internet et de ses anomalies : Validation expérimentale et application à la détection d'attaque de DDoS,
Ann. Télécommun., 62, n° 11-12, 2007, 1381-1408.
- [A31] Vladas Pipiras, Murad S. Taquq et Patrice Abry,
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- [A30] Edmundo Pereira de Souza Neto, Patrice Abry, Patrick Loiseau, Jean Christophe Cejka, Marc Antoine Custaud, Jean Frutoso, Claude Gharib, Patrick Flandrin,
Empirical mode decomposition to assess cardiovascular autonomic control in rats,
Clinical Pharmacology 21 (2007) 481?496.
- [A29] Herwig Wendt, Patrice Abry et Stéphane Jaffard,
Bootstrap for Empirical Multifractal Analysis with Application to Hydrodynamic Turbulence,
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- [A28] H. Wendt et P. Abry,
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IEEE Trans. Signal Processing, 55(10):4811-4820, 2007.
- [A27] A. Scherrer, N. Larrieu, Ph. Owezarski, P. Borgnat, P. Abry,
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IEEE Trans. on Dependable and Secure Computing, 1(4):57:70, 2007.

- [A26] V. Pipiras, P. Abry,
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- [A24] P. Sauli, P. Abry, S. Altadill, J. Boska,
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- [A23] P. Chainais, R. Riedi, P. Abry,
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- [A22] P. Chainais, R. Riedi, P. Abry,
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- [A21] N. Hohn, D. Veitch, P. Abry,
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- [A20] B. Lashermes, P. Abry, P. Chainais,
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- [A9] P. Chainais, P. Abry, J.F. Pinton,
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- [B13] Gilles Teyssière et Patrice Abry,
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- [B12] S. Jaffard, B. Lashermes, P. Abry,
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- [B10] P. Abry, P. Flandrin, N. Hohn, D.Veitch
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- [B8] P. Abry, P. Flandrin, M. S. Taqqu, D. Veitch,
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P. Doukhan, G. Oppenheim, M.S. Taqqu, eds., Birkhauser, Boston, 2002, ISBN 0-8176-4168-8.
- [B7] P. Flandrin, P. Gonçalves, P. Abry,
Analyses en Ondelettes et Loi d'Echelle,
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- [C55] P. Borgnat, G. Dewaele, P. Abry,
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- [C54] Patrice Abry, Vladas Pipiras, Herwig Wendt,
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- [C53] Herwig Wendt, Patrice Abry, Stéphane Jaffard,
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- [C52] Herwig Wendt, Patrice Abry
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- [C43] A. Scherrer and N. Larrieu and P. Borgnat and P. Owezarski and P. Abry,
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- [C33] P. Chainais, R. Riedi, P. Abry,
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- [C32] N. Hohn, D. Veitch, P. Abry,
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- [C23] S. Roux D. Veitch, P. Abry, L. Huang, J. Micheel, P. Flandrin, P. Chainais,
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- [C10] P. Abry, E. Chassande-Mottin et P. Flandrin,
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