

- o - **Preprints (Articles soumis – submitted articles) :**

- 1 [Daudel and Roueff \[2024\]](#).

- o - **Articles dans des revues à comité de lecture – articles in peer-reviewed journals :**

- 1 [Durand, Roueff, Jicquel, and Paul \[2024\]](#), published in the [IEEE trans. on Signal Process.](#)
- 2 [Durand and Roueff \[2024\]](#), published in the [Journal of Statistical Planning and Inference.](#)
- 3 [Durand, Amaury and Roueff, François \[2023\]](#), published in [ESAIM P&S.](#)
- 4 [Daudel, Douc, and Roueff \[2023\]](#), published in the [Journal of Machine Learning Research.](#)
- 5 [Poste, Charbit, Le Pichon, Listowski, Roueff, and Vergoz \[2022\]](#), published in [Geophys. J. Int.](#)
- 6 [Sim, Douc, and Roueff \[2021\]](#), published in the [Electronic Journal of Statistics.](#)
- 7 [Douc, Roueff, and Sim \[2021\]](#), published in the [the Journal of Time Series Analysis.](#)
- 8 [Doukhan, Roueff, and Rynkiewicz \[2020\]](#), published in the [the Electronic Journal of Statistics.](#)
- 9 [Achard, Clausel, Gannaz, and Roueff \[2020\]](#), published in [Appl. Comput. Harmon. Anal.](#)
- 10 [Douc, Olsson, and Roueff \[2020\]](#), published in [Stochastic Processes and their Applications.](#)
- 11 [Roueff and von Sachs \[2019\]](#), published in [Bernoulli.](#)
- 12 [Roueff and Sánchez-Pérez \[2018\]](#), published in [ALEA.](#)
- 13 [Douc, Roueff, and Sim \[2016\]](#), published in the [Annals of Applied Probability.](#)
- 14 [Nouvellet, Roueff, Le Pichon, Charbit, Vergoz, Kallel, and Mejri \[2016\]](#), published in the [Journal of the Acoustical Society of America.](#)
- 15 [Roueff, von Sachs, and Sansonnet \[2016\]](#), published in [Stochastic Processes and their Applications](#)
- 16 [Ilhe, Moulines, Roueff, and Souloumiac \[2015\]](#), published in the [the Electronic Journal of Statistics.](#)
- 17 [Giraud, Roueff, and Sanchez-Perez \[2015\]](#), published in the [Annals of Statistics.](#)
- 18 [Rebafka and Roueff \[2015\]](#), published in [Mathematical Methods of Statistics.](#)
- 19 [Douc, Roueff, and Sim \[2015\]](#), published in the [Lithuanian Mathematical Journal.](#)
- 20 [Clausel, Roueff, and Taqqu \[2015\]](#) published in the [the Electronic Journal of Statistics.](#)
- 21 [Roueff and Soulier \[2015\]](#) published in the [Journal of Applied Probability.](#)
- 22 [Nouvellet, Charbit, Roueff, and Le Pichon \[2014\]](#) published in [Geophys. J. Int.](#)
- 23 [Clausel, Roueff, Taqqu, and Tudor \[2014b\]](#) published in [Stochastic Processes and their Applications](#)

- 24 Zheng, Roueff, and Abergel [2014] published in the [SIAM Journal on Financial Mathematics](#).
- 25 Clausel, Roueff, Taqqu, and Tudor [2014a] published in [ESAIM P&S](#).
- 26 Clausel, Roueff, Taqqu, and Tudor [2013] published in [ALEA](#).
- 27 Roueff, Samorodnitsky, and Soulier [2012] published in [Bernoulli](#).
- 28 Clausel, Roueff, Taqqu, and Tudor [2012] published in [Appl. Comput. Harmon. Anal.](#)
- 29 Hachem, Moulines, and Roueff [2011] published in the [IEEE trans. on Information theory](#).
- 30 Bianchi, Jakubowicz, and Roueff [2011] published in the [IEEE trans. on Signal Process.](#)
- 31 Roueff and von Sachs [2011] published in [Stochastic Processes and their Applications](#).
- 32 Rebařka, Roueff, and Souloumiac [2011] , published in the [Journal of Statistical Planning and Inference](#).
- 33 Kouamo, Moulines, and Roueff [2010], published in the [Lecture notes in statistics](#), vol. 200.
- 34 Germain and Roueff [2010], published in the [Scandinavian Journal of Statistics](#)
- 35 Rebařka, Roueff, and Souloumiac [2010], published in the [Int. Journal of Biostatistics](#).
- 36 Roueff and Taqqu [2009b], published in the [the Journal of Time Series Analysis](#).
- 37 Alléaume, Roueff, Diamanti, and Lütkenhaus [2009], published in the [New J. Phys.](#)
- 38 Fař, Moulines, Roueff, and Taqqu [2009], published in the [J. of Econometrics](#).
- 39 Roueff and Taqqu [2009a], published in [Stochastic Processes and their Applications](#)
- 40 Lévy-Leduc and Roueff [2009], published in the [Annals of Applied Statistics](#).
- 41 Ayache, Roueff, and Xiao [2009], published in [Stochastic Processes and their Applications](#)
- 42 Lévy-Leduc, Moulines, and Roueff [2008], published in the [the Journal of Time Series Analysis](#).
- 43 Moulines, Roueff, and Taqqu [2008], published in the [Annals of Statistics](#).
- 44 Moulines, Roueff, and Taqqu [2007c], published in [Fractals](#).
- 45 Douc, Roueff, and Soulier [2007], published in [Stochastic Processes and their Applications](#)
- 46 Trigano, Montagu, Moulines, Roueff, and Souloumiac [2007], published in [IEEE trans. on Signal Process.](#)
- 47 Moulines, Roueff, and Taqqu [2007b], published in the [the Journal of Time Series Analysis](#).
- 48 Gousseau and Roueff [2007], published in [SIAM Multiscale Modeling and Simulation](#).
- 49 Moulines, Roueff, Souloumiac, and Trigano [2007a], published in [Bernoulli](#).
- 50 Fař, Roueff, and Soulier [2007], published in [Bernoulli](#).
- 51 Bordenave, Gousseau, and Roueff [2006], published in [Advances in Applied Probability](#).

- 52 Moulines, Priouret, and Roueff [2005], published in the *Annals of Statistics*.
- 53 Roueff and Rydén [2005], published in the *Annals of Statistics*.
- 54 Ayache and Roueff [2003], published in *Appl. Comput. Harmon. Anal.*
- 55 Roueff [2003a], published in the *Journal of Fourier Analysis and Applications*.
- 56 Roueff [2003b], published in the *Math. Proc. of the Cambridge Phil. Society*.
- 57 Lang and Roueff [2001], published in *Statistical Inference for Stochastic Processes*.

- o - **Notes aux comptes rendus (Mathématique) – Short papers :**

- 1 Ayache, Roueff, and Xiao [2007a], published in *Comptes Rendus Mathématique*.
- 2 Ayache, Roueff, and Xiao [2007b], published in *Comptes Rendus Mathématique*.
- 3 Roueff [2001], published in *Comptes Rendus Mathématique*.

- o - **Articles publiés dans des actes de conférences – articles in proceedings :**

- 1 Emelchenkov, Fontaine, Grenier, Mahé, and Roueff [2024]
- 2 Durand, Roueff, Jicquel, and Paul [2021]
- 3 Bouche, Clausel, Roueff, and d’Alché Buc [2021]
- 4 Giraud, Roueff, and Sánchez-Pérez [2013]
- 5 Roueff and Sánchez-Pérez [2013]
- 6 Wohlfarth, Cléménçon, Roueff, and Casellato [2011b]
- 7 Roueff [2011]
- 8 Wohlfarth, Cléménçon, Roueff, and Casellato [2011a]
- 9 Roueff [2011]
- 10 Bianchi, Jakubowicz, and Roueff [2009]
- 11 Rebafka, Roueff, and Souloumiac [2009]
- 12 Lung-Yut-Fong, Cappé, Lévy-Leduc, and Roueff [2009]
- 13 Hachem, Moulines, Najim, and Roueff [2009]
- 14 Benmammar, Lévy-Leduc, and Roueff [2007]
- 15 Trigano, Roueff, Moulines, Souloumiac, and Montagu [2006]
- 16 Alléaume, Roueff, Maurhart, and Lutkenhaus [2006]
- 17 Gousseau and Roueff [2005]
- 18 Fay, Roueff, and Soulier [2005]
- 19 Trigano, Souloumiac, Roueff, and Moulines [2005]
- 20 Moulines, Roueff, and Priouret [2003]
- 21 Moulines, Priouret, and Roueff [2003]
- 22 Cappé and Roueff [2003]
- 23 Roueff and Lévy Véhel [1998]

- o - **Rapports académiques – Academic reports :**

1 Habilitation à diriger des recherches (HDR) : Roueff [2007]

2 Thèse : Roueff [2000]

- o - **Thèses encadrées – Supervised PhD’s :**

1 Thomas Trigano [2005], co-encadré avec Eric Moulines.

2 Jean-François Germain [2008].

3 Tabea Rebafka [2009].

4 Marine Depecker [2010]. co-encadré avec Stéphane Cléménçon.

5 Olaf Kouamo [2011], co-encadré avec Eric Moulines,

6 Till Wohlfarth [2013], co-encadré avec Stéphane Cléménçon,

7 Andrés Sánchez Pérez [2015], co-encadré avec Christophe Giraud.

8 Tepmony Sim [2016], co-encadré avec Randal Douc.

9 Paul Ilhe [2016], co-encadré avec Antoine Souloumiac.

10 Adrien Nouvellet [2017], co-encadré avec Maurice Charbit.

11 Romain Laby [2017], co-encadré avec Alexandre Gramfort.

12 Tahar Nabil [2018], co-encadré avec Eric Moulines.

13 Kamélia Daudel [2021] co-encadrée avec Randal Douc et François Portier.

14 Amaury Durand [2022].

- o - **Logiciels déposés – Protected software :**

1 Benmammar, Lévy-Leduc, and Roueff [2008]

- o - **Brevets – Patents :**

1 Rebafka, Roueff, and Souloumiac [2010]

2 Nabil, Jicquel, Girard, and Roueff [2016]

3 Nabil, Jicquel, Girard, and Roueff [2017]

4 Nabil, Jicquel, Girard, and Roueff [2018]

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