

Publications of the Unit "Probability and Statistics"

2025

Scientific journals/Article

- López-Martínez, A., & Menet, Q. (2025). Two remarks on the set of recurrent vectors. "Journal of Mathematical Analysis and Applications, 541" (1), 128686. doi:10.1016/j.jmaa.2024.128686
Full Text : [Two remarks on Rec and RRec.pdf](#) (Open Access)

2024

Scientific journals/Article

- Grivaux, S., Grosse-Erdmann, K., Matheron, É., & Peris, A. (25 November 2024). Mini-Workshop: New Horizons in Linear Dynamics, Universality, and the Invariant Subspace Problem. "Oberwolfach Reports, 21" (2), 1069-1096. doi:10.4171/owr/2024/19
Full Text : [+2024OberwolfachReport.pdf](#) (Open Access)
- Grosse-Erdmann, K. (01 November 2024). A note on the Wiman–Valiron inequality. "Archiv der Mathematik, 124" (1), 63-74. doi:10.1007/s00013-024-02061-2
Full Text : [2025WimanValiron.pdf](#) (Open Access)
- Menet, Q., & Papathanasiou, D. (14 February 2024). Structure of sets of bounded sequences with a prescribed number of accumulation points. "Proceedings of the American Mathematical Society, 152", 1517-1529. doi:10.1090/proc/16663
Full Text : [Accumulation points arxiv.pdf](#) (Open Access)

Scientific congresses and symposiums/Unpublished conference/Abstract

- Grosse-Erdmann, K. (09 July 2024). "Mixing composition operators and Kitai's criterion" [Paper presentation]. SUMTOPO 2024, Coimbra, Portugal.
Full Text : [GrosseErdmann_K.pdf](#) (Open Access)
- Grosse-Erdmann, K. (05 July 2024). "Chaotic shift operators on trees" [Paper presentation]. Operator theory 29, Timisoara, Romania.
Full Text : [Abstract.pdf](#) (Open Access)
- Menet, Q. (2024). "Operators of C-type" [Paper presentation]. Mini-Workshop: New Horizons in Linear Dynamics, Universality, and the Invariant Subspace Problem, Oberwolfach, Germany.
- Menet, Q. (2024). "Fractal dimension and common hypercyclicity" [Paper presentation]. SUMTOPO2024, Coimbra, Portugal.

Scientific conferences in universities or research centers/Scientific conference in universities or research centers

- Grosse-Erdmann, K. (09 December 2024). "Analyse sur un arbre : shifts à poids, orbites denses, et le chaos" [Paper presentation]. Séminaire d'analyse, Marseille, France.
- Grosse-Erdmann, K. (21 June 2024). "Des lois du 0-1 pour les orbites d'opérateurs" [Paper presentation]. Groupe de travail, Lille, France.

2023

Scientific journals/Article

- Grosse-erdmann, K., & Papathanasiou, D. (2023). Dynamics of Weighted Shifts on Directed Trees. "Indiana University Mathematics Journal, 72" (1), 263 - 299. doi:10.1512/iumj.2023.72.9315
Full Text : [2023TreesDyn.pdf](#) (Open Access)

Scientific congresses and symposiums/Unpublished conference/Abstract

- Menet, Q. (09 October 2023). "Dynamical properties of operators on Fréchet spaces" [Paper presentation]. Maurice Fréchet: Les mathématiques, l'abstrait et le concret, Paris, France.
- Menet, Q. (08 September 2023). "Common hypercyclicity and covering" [Paper presentation]. Seminar Analysis Brussels Ghent Liège Trier, Liège, Belgium.
- Agneessens, K. (08 September 2023). "Frequently hypercyclic random vectors" [Paper presentation]. Seminar Analysis Brussels Ghent Liège Trier, Liège, Belgium.
- Menet, Q. (09 August 2023). "The Frequency of Chaos" [Paper presentation]. Universality, Zeta-Functions, and Chaotic Operators, Luminy, France.
Full Text : [Menet_abstract.pdf](#) (Open Access)
- Grosse-erdmann, K. (07 August 2023). "Levy's phenomenon in the plane and on the disk" [Paper presentation]. Universality, Zeta-Functions, and Chaotic Operators, Marseille, France.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)
- Grosse-erdmann, K. (01 July 2023). "Chaotic shift operators on trees" [Paper presentation]. Nordwestdeutsches Funktionalanalysis Kolloquium, Düsseldorf, Germany.
- Menet, Q. (06 April 2023). "Linéabilité - Nombres prescrits de points d'accumulation" [Paper presentation]. Séminaire "Algèbre, Dynamique et Arithmétique", Calais, France.
- Agneessens, K. (31 March 2023). "Taux de croissance de fonctions fréquemment hypercycliques pour des shifts à poids, avec une approche probabiliste" [Paper presentation]. Groupe de Travail d'Analyse Fonctionnelle (Lille-Lens-Mons), Villeneuve d'Ascq, France.

Dissertations and theses/Doctoral thesis

- Agneessens, K. (2023). "Frequently Hypercyclic Random Vectors" [Doctoral thesis, UMONS - Université de Mons]. ORBi UMONS-University of Mons. <https://orbi.umons.ac.be/handle/20.500.12907/46838>
Full Text : [thesisAgneessens.pdf](#) (Open Access)

Diverse speeches and writings/Conference given outside the academic context

- Menet, Q. (2023). "Les systèmes dynamiques ou l'art d'itérer" [Paper presentation]. 24h de mathématique au Collège Saint-Julien, Ath, Belgium.

Scientific conferences in universities or research centers/Scientific conference in universities or research centers

- Grosse-erdmann, K. (29 November 2023). "How chaotic is differentiation?" [Paper presentation]. Analysis & Geometry Seminar, Antwerpen, Anwerpen, Belgium.
Full Text : [abstract_KGE_Antwerp.pdf](#) (Open Access)

2022

Scientific journals/Article

- Bonilla, A., Grosse-Erdmann, K., López-Martínez, A., & Peris, A. (15 December 2022). Frequently recurrent operators. "Journal of Functional Analysis, 283" (12), 109713. doi:10.1016/j.jfa.2022.109713
Full Text : [2022FreqRecurrentOp.pdf](#) (Open Access)
- Agneessens, K. (09 December 2022). Frequently hypercyclic random vectors. "Proceedings of the American Mathematical Society, 151" (3), 1103-1117. doi:10.1090/proc/16153
Full Text : [proc16153.pdf](#) (Open Access)
- Menet, Q. (2022). Inverse of frequently hypercyclic operators. "Journal of the Institute of Mathematics of Jussieu". doi:10.1017/S1474748021000025
Full Text : [2021_INVERSE OF FREQUENTLY HYPERCYCLIC OPERATORS.pdf](#) (Open Access)
- Martin, Ö., Menet, Q., & Puig, Y. (July 2022). Disjoint frequently hypercyclic pseudo-shifts. "Journal of Functional Analysis, 283" (1), 109474. doi:10.1016/j.jfa.2022.109474
Full Text : [DisjointRecurrence_Revised.pdf](#) (Open Access)
- Menet, Q., Bayart, F., & Costa, F. J. (2022). Common hypercyclic vectors and dimension of the parameter set. "Indiana University Mathematics Journal, 71" (4), 1763-1795.
Full Text : [9369.pdf](#) (Open Access)

Scientific congresses and symposiums/Unpublished conference/Abstract

- Menet, Q. (20 October 2022). "Common hypercyclicity and covering" [Paper presentation]. International workshop on Functional Analysis on the occasion of the 60th birthday of Carmen Fernandez and Antonio Galbis, Valencia, Spain.
- Grosse-Erdmann, K. (20 October 2022). "Zero-one law of orbital limit points" [Paper presentation]. International workshop on Functional analysis, Valencia, Spain.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)
- Grosse-Erdmann, K. (21 September 2022). "Linear dynamics of shifts on trees" [Paper presentation]. Progress in Functional Analysis: Methods and applications, Lecce, Italy.
Full Text : [GrosseErdmann-Karl.pdf](#) (Open Access)
- Menet, Q. (20 September 2022). "Typical properties of operators on lp-spaces" [Paper presentation]. Progress in Functional Analysis: Methods and Applications 2022.
- Menet, Q. (27 June 2022). "1991 : A small step for Godefroy and Shapiro, one giant leap for linear dynamics" [Paper presentation]. Functional Analysis in Lille.
- Agneessens, K. (26 May 2022). "Random Vectors in Linear Dynamics" [Paper presentation]. Functional Analysis and Operator Theory, Valencia, Spain.
- Menet, Q. (18 May 2022). "Les jeux de Banach-Mazur et la théorie des opérateurs" [Paper presentation]. Ecole de Printemps du GDR AFHP, Calais, France.
- Menet, Q. (25 April 2022). "L'hypercyclicité commune et l'art du recouvrement" [Paper presentation]. Séminaire Analyse & Géométrie, Marseille, France.
- Grosse-Erdmann, K. (13 January 2022). "A curious difference between $H(C)$ and $H(D)$ " [Paper presentation]. Computational Methods and Function Theory, CMFT 2021, Valparaíso (en ligne), Chile.
Full Text : [abstract_GrosseErdmann.pdf](#) (Open Access)

Diverse speeches and writings/Conference given outside the academic context

- Menet, Q. (2022). "Les systèmes dynamiques : la science des orbites !" [Paper presentation]. Printemps des Sciences, Mons, Belgium.

Diverse speeches and writings/Speech/Talk

- Agneessens, K. (2022). "Dynamique Linéaire et Probabilités" [Paper presentation]. Séminaire Jeune, Mons, Belgium.
Full Text : [seminaireJeune.pdf](#) (Open Access)

Diverse speeches and writings/Other

- Grosse-Erdmann, K. (2022). "Une seule orbite peut-elle créer le chaos?"

2021

Scientific journals/Article

- Charpentier, S., Grosse-Erdmann, K., & Menet, Q. (01 December 2021). Chaos and frequent hypercyclicity for weighted shifts. "Ergodic Theory and Dynamical Systems, 41", 3634-3670.
Full Text : [2021ChaosFreqHypercShift.pdf](#) (Open Access)
- Grivaux, S., Matheron, E., & Menet, Q. (01 October 2021). Does a typical lp-space contraction have a non-trivial invariant subspace? "Transactions of the American Mathematical Society, 374" (10), 7359-7410.
- Menet, Q. (01 August 2021). Invariant subspaces for Fréchet spaces without continuous norm. "Proceedings of the American Mathematical Society, 149" (8), 3379-3393.
- Grivaux, S., Matheron, E., & Menet, Q. (23 June 2021). Linear dynamical systems on Hilbert spaces: Typical properties and explicit examples. "Memoirs of the American Mathematical Society, 269" (1315), 1-147.
- Ernst, R., Esser, C., & Menet, Q. (06 March 2021). U-frequent hypercyclicity notions and related weighted densities. "Israel Journal of Mathematics, 241", 817-848.

Scientific congresses and symposiums/Unpublished conference/Abstract

- Agneessens, K. (10 December 2021). "Vecteurs aléatoires fréquemment hypercycliques" [Paper presentation]. Groupe de Travail d'Analyse Fonctionnelle, Villeneuve d'Ascq, France.
- Menet, Q. (02 December 2021). "How to shift from frequent hypercyclicity to chaos?" [Paper presentation]. Frontiers of Operator Theory, Luminy (CIRM), France.
- Saes, G. (23 November 2021). "Analyse de la régularité des trajectoires de processus non-localement bornés et Applications à l'analyse de données physiologiques de marathoniens" [Paper presentation]. Colloque Probabilités et Statistiques, Lille, France.
Full Text : [Pr_sentation_Seminaire_Lille_2021.pdf](#) (Open Access)
- Saes, G. (30 September 2021). "Une nouvelle caractérisation des exposants de régularités ponctuelles pour les trajectoires non-localement bornées" [Paper presentation]. Journée du GdR Analyse Multifractale, Porquerolles, France.
Full Text : [pulses3.pdf](#) (Open Access)
- Grosse-Erdmann, K. (24 September 2021). "Dynamique de shifts à poids sur un arbre" [Paper presentation]. Séminaire d'Analyse fonctionnelle, Lille, France.
- Menet, Q. (07 July 2021). "Linear Dynamics" [Paper presentation]. 1st EUNICE Math Symposium, (online), Unknown/unspecified.
- Menet, Q. (16 June 2021). "A-hypercyclicity" [Paper presentation]. Four Days in Linear Dynamics, The University of Campania Luigi Vanvitelli (online), Italy.
- Grosse-Erdmann, K. (16 June 2021). "Recurrent operators" [Paper presentation]. Four Days in Linear Dynamics, The University of Campania Luigi Vanvitelli (online), Italy.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)

- Grosse-Erdmann, K. (02 May 2021). "Zero-one law of orbital limit points" [Paper presentation]. AMS Spring Western Sectional Meeting, San Francisco (virtual), United States.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)

Diverse speeches and writings/Article for a general audience

- Saes, G. (2021). PARLONS PEU, PARLONS MATHS ! "Images des maths".

Diverse speeches and writings/Other

- Saes, G. (2021). "Cette FORME va changer le MONDE !"

2020

Scientific journals/Article

- Menet, Q. (01 September 2020). Inverse of U-frequently hypercyclic operators. "Journal of Functional Analysis, 279" (4).
- Falcó, J., & Grosse-Erdmann, K. (16 March 2020). Algebras of frequently hypercyclic vectors. "Mathematische Nachrichten, 293" (6), 1120-1135.
Full Text : [2020AlgebrasFreqHyperc.pdf](#) (Open Access)
- Menet, Q. (15 February 2020). A bridge between U-frequent hypercyclicity and frequent hypercyclicity. "Journal of Mathematical Analysis and Applications, 482" (2).
- Grosse-Erdmann, K. (01 January 2020). Karl Weierstrass: A Westphalian mathematician. "Mathematical Intelligencer, 42" (4), 60-63.
Full Text : [2020Weierstrass.pdf](#) (Open Access)
- Falcó, J., & Grosse-Erdmann, K. (01 January 2020). Algebrability of the set of hypercyclic vectors for backward shift operators. "Advances in Mathematics, 366".
Full Text : [2020AlgebrasHypercVec.pdf](#) (Open Access)

Scientific congresses and symposiums/Unpublished conference/Abstract

- Menet, Q. (11 November 2020). "Jeux de Banach-Mazur, espace de contractions et injectivité" [Paper presentation]. Journées annuelles du GDR AFHP, CIRM, France.
- Saes, G. (11 November 2020). "Multifractal analysis of sums of random pulses" [Paper presentation]. Journée du GdR AFHP, Marseille, France.
Full Text : [slides.pdf](#) (Open Access)
- Menet, Q. (02 October 2020). "Sous-espaces invariants et noyaux de seminormes" [Paper presentation]. Séminaire d'Analyse Fonctionnelle, Lille, France.
- Grosse-Erdmann, K. (17 January 2020). "Opérateurs fréquemment récurrents" [Paper presentation]. Séminaire d'Analyse Fonctionnelle, Lille, France.

Diverse speeches and writings/Article for a general audience

- Fermanian Kammerer, C., Jaffard, S., & Saes, G. (2020). LA PAROLE À JEAN PERRIN : LES COURBES SANS TANGENTE : Un texte de Jean Perrin commenté par Clotilde Fermanian Kammerer, Stéphane Jaffard et Guillaume Saës. "Images des maths".

Diverse speeches and writings/Other

- Menet, Q. (2020). "Les systèmes dynamiques ou l'art d'itérer".

2019

Scientific journals/Article

- Grosse-Erdmann, K. (26 March 2019). Frequently hypercyclic bilateral shifts. "Glasgow Mathematical Journal, 61" (2), 271-286.
Full Text : [2019FreqHypercBilShift.pdf](#) (Open Access)
- Bès, J., Menet, Q., Peris, A., & Puig, Y. (15 January 2019). Strong transitivity properties for operators. "Journal of Differential Equations, 266", 1313-1337.

Scientific congresses and symposiums/Unpublished conference/Abstract

- Grosse-Erdmann, K. (05 December 2019). "Chaotic weighted backward shift operators" [Paper presentation]. Séminaire, Université de Valencia, Valencia, Spain.
- Menet, Q. (25 October 2019). "Dynamic behaviors of the inverse of an operator" [Paper presentation]. Workshop d'automne de l'ANR Front, Clermont-Ferrand, France.
- Mestiri, M. (10 May 2019). "Common upper frequent hypercyclicity" [Paper presentation]. FNRS Group Functional Analysis, Liège, Belgium.
- Mestiri, M. (08 April 2019). "Critère de U-fréquente hypercyclicité commune" [Paper presentation]. Séminaire d'Analyse et Géométrie, Marseille, France.
- Menet, Q. (14 March 2019). "Le chaos linéaire: un paradoxe?" [Paper presentation]. Colloquium du LMPA, Calais, France.
- Mestiri, M. (01 March 2019). "U-fréquente hypercyclicité commune" [Paper presentation]. Séminaire d'Analyse Fonctionnelle, Lille, France.

Diverse speeches and writings/Other

- Menet, Q., Leroy, D., Muylaert, C., & Vande Meerssche, F. (2019). "Les Eclaireurs : Moyen-Orient, Effet Papillon et Economie Vertueuse".

2018

Scientific journals/Article

- Menet, Q. (01 December 2018). Invariant subspaces for non-normable Fréchet spaces. "Advances in Mathematics, 339", 495-539.
- Grosse-Erdmann, K. (01 September 2018). Upper frequent hypercyclicity and related notions. "Revista Matemática Complutense, 31" (3), 673-711.
Full Text : [2018UpperFreqHyperc.pdf](#) (Open Access)
- Menet, Q. (05 January 2018). Existence of common hypercyclic subspaces for the derivative operator and the translation operators. "Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A Matemáticas, 113" (2), 487-505.

Scientific congresses and symposiums/Unpublished conference/Abstract

- Grosse-Erdmann, K. (17 December 2018). "A glimpse at linear dynamics" [Paper presentation]. Recent advances in Operator theory and Operator algebras OTOA 2018, Bangalore, India.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)
- Grosse-Erdmann, K. (25 October 2018). "Chaos and frequent hypercyclicity for weighted shifts" [Paper presentation]. Autumn Workshop ANR Front, Lens, France.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)
- Menet, Q. (15 October 2018). "Invertible operators and dynamical properties" [Paper presentation]. Workshop on Functional Analysis and Operator Theory, Valencia, Spain.
- Grosse-Erdmann, K. (27 August 2018). "Linear dynamics" [Paper presentation]. Linear dynamics and Reconstruction of signals from incomplete frequency data, Copenhagen, Denmark.
- Grosse-Erdmann, K. (11 July 2018). "Algebren in der linearen Dynamik" [Paper presentation]. Séminaire, Trier, Germany.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)
- Grosse-Erdmann, K. (03 July 2018). "Algebraic structures in linear dynamics" [Paper presentation]. Pawel Domanski Memorial Conference, Bedlewo, Poland.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)
- Menet, Q. (03 July 2018). "Invariant subspaces in Fréchet spaces" [Paper presentation]. Pawel Domanski Memorial Conference, Bedlewo, Poland.

Scientific congresses and symposiums/Poster

- Pardo, A., Dony, P., Demeester, R., Goulard, A., Rivolta, M., Joris, M., & Stenuit, S. (24 February 2018). "IMPACT DE L'IMPLÉMENTATION D'UNE STRATÉGIE GLOBALE COLLABORATIVE MÉDECIN-PHARMACIEN SUR LES PRATIQUES DE PRESCRIPTION ET D'ADMINISTRATION DE L'ANTIBIOPROPHYLAXIE À L'HÔPITAL CIVIL MARIE CURIE DU CHU DE CHARLEROI" [Poster presentation]. 29e JOURNEE SCIENTIFIQUE de l'AFPHB, Mons, Belgium.

Dissertations and theses/Doctoral thesis

- Mestiri, M. (2018). "Common A-hypercyclicity" [Doctoral thesis, Université de Mons]. ORBi UMONS-University of Mons. <https://orbi.umons.ac.be/handle/20.500.12907/9373>

E-prints, Working papers and Research blog/Eprint already available on another site

- Mestiri, M. (2018). "Common upper-frequent hypercyclicity". ORBi UMONS-University of Mons. <https://orbi.umons.ac.be/handle/20.500.12907/4415>.
Full Text : [Common_upper_frequent_hypercyclicity_arXiv.pdf](#) (Open Access)

2017

Scientific journals/Article

- Menet, Q. (13 February 2017). Linear chaos and frequent hypercyclicity. "Transactions of the American Mathematical Society, 369", 4977-4994.

Scientific congresses and symposiums/Unpublished conference/Abstract

- Menet, Q. (20 October 2017). "Invariant subspaces in Fréchet spaces" [Paper presentation]. Seminario del IUMPA, Valencia, Spain.
- Grosse-Erdmann, K. (19 October 2017). "Frequently hypercyclic bilateral shifts" [Paper presentation]. Nonlinear functional analysis, Valencia, Spain.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)
- Mestiri, M. (11 October 2017). "Common upper frequent hypercyclicity" [Paper presentation]. Journées du GDR AFHP, Bordeaux, France.
- Menet, Q. (09 October 2017). "Invariant subspaces in Fréchet spaces" [Paper presentation]. Journées du GDR AFHP, Bordeaux, France.
- Mestiri, M. (25 September 2017). "U-fréquente hypercyclicité commune pour les multiples d'un opérateur" [Paper presentation]. Séminaire Analyse et Géométrie, Marseille, France.
- Menet, Q. (26 June 2017). "Typical properties of hypercyclic operators on Hilbert Spaces" [Paper presentation]. CEDYA (Congreso de Ecuaciones Diferenciales y Aplicaciones), Logrono, Spain.
- Menet, Q. (06 March 2017). "Sous-espaces invariants pour les espaces de Fréchet" [Paper presentation]. Séminaire Analyse et Géométrie, Marseille, France.

2016

Scientific journals/Article

- Menet, Q., Peris, A., Bès, J., & Puig, Y. (01 October 2016). Recurrence properties of hypercyclic operators. "Mathematische Annalen, 366", 545-572.
- Menet, Q., Bayart, F., & Ernst, R. (01 July 2016). Non-existence of frequently hypercyclic subspaces for $P(D)$. "Israel Journal of Mathematics, 214", 149-166.
- Menet, Q., Ernst, R., & Charpentier, S. (15 June 2016). Gamma-supercyclicity. "Journal of Functional Analysis, 270", 4443-4465.
- Grosse-Erdmann, K., & Heuwelyckx, F. (2016). The pricing of lookback options and binomial approximation. "Decisions in Economics and Finance".
Full Text : [kge-fh-decisions.pdf](#) (Open Access)

Scientific congresses and symposiums/Unpublished conference/Abstract

- Grosse-Erdmann, K. (29 October 2016). "The search for linearity in linear dynamics" [Paper presentation]. Infinite dimensional analysis, Kent, United States.
- Grosse-Erdmann, K. (26 October 2016). "Return times and associated densities in linear dynamics" [Paper presentation]. Measure theory seminar, Kent State University, Kent, United States.
- Menet, Q. (10 October 2016). "Periodic points at the service of hypercyclicity" [Paper presentation]. Journées du GDR AFHP, Toulouse, France.
- Grosse-Erdmann, K. (25 June 2016). "Upper frequent hypercyclicity" [Paper presentation]. Workshop on Dynamics of linear operators, Istanbul, Turkey.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)
- Grosse-Erdmann, K. (24 June 2016). "Frequently hypercyclic operators - a survey" [Paper presentation]. Workshop on Dynamics of linear operators, Istanbul, Turkey.
- Menet, Q. (15 June 2016). "A rich family of weighted operators" [Paper presentation]. Séminaire d'Analyse de l'Université Polytechnique de Valencia, Valencia, Spain.

- Menet, Q. (06 June 2016). "Periodic points at the service of hypercyclicity" [Paper presentation]. Conference of the Belgian, Royal Spanish and Luxembourg Mathematical Societies, Logrono, Spain.
- Grosse-Erdmann, K. (06 June 2016). "On upper frequent hypercyclicity" [Paper presentation]. Second joint conference of the Belgian, Royal Spanish and Luxembourg Mathematical Societies, Logroño, Spain.
Full Text : [GrosseErdmannRSM-BSM.pdf](#) (Open Access)
- Grosse-Erdmann, K. (07 May 2016). "Upper frequent hypercyclicity" [Paper presentation]. Aspects of universality 2016, Würzburg, Germany.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)
- Grosse-Erdmann, K. (22 January 2016). "Frequently hypercyclic operators, and related notions" [Paper presentation]. Séminaire d'analyse Liège Trèves, Trier, Germany.
Full Text : [Abstract_SALT.pdf](#) (Open Access)

Scientific congresses and symposiums/Paper published in a journal

- Grosse-Erdmann, K. (2016). "Frequently hypercyclic operators: Recent advances and open problems" [Paper presentation]. Advanced courses of mathematical analysis VI, Antequera, Spain.
Full Text : [freq_hyperc_op.pdf](#) (Open Access)

Dissertations and theses/Doctoral thesis

- Heuwelyckx, F. (2016). "Lookback options with floating strike and binomial approximations" [Doctoral thesis, Université de Mons]. ORBi UMONS-University of Mons. <https://orbi.umons.ac.be/handle/20.500.12907/39183>

2015

Scientific journals/Article

- Menet, Q., & Bès, J. (01 December 2015). Existence of common and upper frequently hypercyclic subspaces. "Journal of Mathematical Analysis and Applications, 432", 10-37.
- Menet, Q. (06 June 2015). Existence and non-existence of frequently hypercyclic subspaces for weighted shifts. "Proceedings of the American Mathematical Society, 143" (6), 2469-2477.
- Menet, Q. (28 May 2015). Hereditarily hypercyclic subspaces. "Journal of Operator Theory, 73" (2), 385-405.
- Bennett, G., & Grosse-Erdmann, K. (01 January 2015). Some pretty simple inequalities I. "Positivity, 19" (2), 251-288.

Scientific congresses and symposiums/Unpublished conference/Abstract

- Grosse-Erdmann, K. (30 November 2015). "Upper frequent hypercyclicity, and related notions" [Paper presentation]. Journées du GdR 'Analyse fonctionnelle et harmonique et probabilités', Marseille, France.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)
- Menet, Q. (27 November 2015). "Linear Chaos and Frequent Hypercyclicity" [Paper presentation]. Operator Algebra Seminar, Leuven, Belgium.
- Grosse-Erdmann, K. (28 September 2015). "Upper frequently hypercyclic operators" [Paper presentation]. Frontières de la dynamique linéaire, Marseille, France.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)
- Menet, Q. (28 September 2015). "Linear Chaos and Frequent Hypercyclicity" [Paper presentation]. Frontiers of Operator Dynamics, CIRM (Luminy), France.
- Menet, Q. (25 August 2015). "Linear dynamical systems" [Paper presentation]. 3rd Heidelberg Laureate Forum, Heidelberg, Germany.

- Menet, Q. (16 June 2015). "Linear Chaos and Frequent Hypercyclicity" [Paper presentation]. Workshop Functional Analysis Valencia, Valencia, Spain.
- Grosse-Erdmann, K. (16 June 2015). "Upper-frequently hypercyclic operators" [Paper presentation]. Workshop on functional analysis Valencia 2015, Valencia, Spain.
Full Text : [Abstract_GrosseErdmann.pdf](#) (Open Access)
- Menet, Q. (08 June 2015). "Different notions of hypercyclicity and hypercyclic subspaces" [Paper presentation]. Recent Trends in Operator Theory and Function Theory, Lille, France.
- Grosse-Erdmann, K. (21 May 2015). "Upper-frequently hypercyclic operators" [Paper presentation]. Universal functions 2015, Heraklion, Greece.
Full Text : [abstractGrosseErdmann.pdf](#) (Open Access)
- Menet, Q. (13 March 2015). "Propriétés de récurrence des opérateurs hypercycliques" [Paper presentation]. Séminaire d'Analyse Fonctionnelle, Lille, France.
- Menet, Q. (13 February 2015). "Linear Chaos and Frequent Hypercyclicity" [Paper presentation]. Analysis Seminar, Houston, United States - Texas.
- Menet, Q. (11 February 2015). "Linear Chaos and Frequent Hypercyclicity" [Paper presentation]. Linear Analysis Seminar, College Station, United States.
- Menet, Q. (30 January 2015). "Hypercyclic subspaces" [Paper presentation]. Banach Spaces Seminar, College Station, United States.
- Menet, Q. (12 January 2015). "Chaos linéaire et fréquente hypercyclicité" [Paper presentation]. Séminaire d'analyse et géométrie, Marseille, France.

Scientific congresses and symposiums/Poster

- Heuwelyckx, F. (10 September 2015). "Lookback Options in the Binomial Model" [Poster presentation]. 7th General AMaMeF and Swissquote Conference, Lausanne, Switzerland.
Full Text : [suisse15.pdf](#) (Open Access)
- Heuwelyckx, F. (10 March 2015). "Les arbres et les options lookback" [Poster presentation]. 8ème édition de la Matinée des Chercheurs 2015 (MdC2015), Mons, Belgium.
Full Text : [mdc8.pdf](#) (Open Access)

Diverse speeches and writings/Other

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