

Publications of the Unit "Mathematical Analysis"

2023

Scientific journals/Article

- Simon, M. (02 December 2023). SIR epidemics driven by Feller processes. "Journal of Applied Probability, 60" (4), 1293 - 1316. doi:10.1017/jpr.2023.2
Full Text : [SIR epidemics driven by Feller processes.pdf](#) (Open Access)
- Lefèvre, C., & Simon, M. (2023). Collective epidemics with asymptomatics and functional infection rates. "Stochastics: an International Journal of Probability and Stochastic Processes", 1-22. doi:10.1080/17442508.2023.2254879
Full Text : [Collective epidemics with asymptomatics and functional infectious rates.pdf](#) (Open Access)

Scientific congresses and symposiums/Unpublished conference/Abstract

- Simon, M. (20 December 2023). "SIR epidemics with stochastic infectious periods" [Paper presentation]. BMS Young Scholar Day 2023, Bruxelles, Belgium.
- Fougny, N. (23 November 2023). "Autour du problème du sous-espace invariant" [Paper presentation]. Forum des jeunes mathématicien.nes, Bruxelles, Belgium.
Full Text : [présentation_forum_jeunes_mathématicien.nes.pdf](#) (Open Access)
- Simon, M. (June 2023). "SIR epidemics perturbed by Feller processes" [Paper presentation]. The Tenth International Workshop on Applied Probability, Thessalonique, Greece.

2012

Scientific journals/Article

- Finet, C. (01 June 2012). A generalization of the Riesz-Fischer theorem and linear summability methods. "Journal of Approximation Theory, 164" (6), 841-853.

2006

Scientific journals/Article

- Atzmon, A., & Brive, B. (01 January 2006). Surjectivity and invariant subspaces of differential operators on weighted Bergman spaces of entire functions. "Contemporary Mathematics, 404", 27-39.

2001

Scientific journals/Article

- Troestler, C., Finet, C., & Quarta, L. (30 October 2001). Vector-Valued Variational Principles. "Nonlinear Analysis: Theory, Methods and Applications, 52", 197-218. doi:10.1016/S0362-546X(02)00103-7
Full Text : [NonlinAnalysis03.pdf](#) (Open Access)