

1. Azencott, R.: Formule de Taylor stochastique et d'evéveloppements asymptotiques d'int'egrales de Feynman In Az'ema, Yor (Eds), S'eminaires de probabilit'es, XVI, LNM921 237-284, Springer.
2. Bailleul, I.: Flows driven by rough path, Rev. Mat. Iberoam. 31(2015),no.3, 901-934.
<https://doi.org/10.4171/RMI/858>
3. Bailleul, I.: Flows driven by Banach space-valued rough path, Sminaire de Probabilits XLVI Lecture Notes in Mathematics Volume 2123, 2014, pp 195-205
https://doi.org/10.1007/978-3-319-11970-0_7
4. Baudoin, F.: Diffusion processes and Stochastic calculus, EMS textbooks in mathematics. 287(pp), 2014.
<https://doi.org/10.4171/133>
5. Baudoin, F.: An Introduction to the geometry of stochastic flows, Imperial College Press, 140 pp, 2005.
<https://doi.org/10.1142/p347>
6. Baudoin, F. and Coutin, L.: Operators associated with a stochastic differential equation driven by fractional Brownian motions, Stochastic Process Appl 117 (2007), 550-574.
<https://doi.org/10.1016/j.spa.2006.09.004>
7. Baudoin, F. and Hairer M.: A version of Hörmander's theorem for the fractional Brownian motion, Prob. The. Rel. Fields.(2007), 139, 373-395.
<https://doi.org/10.1007/s00440-006-0035-0>
8. Baudoin, F, Nualart, E., Ouyang, C. and Tindel, S.: On probability laws of solutions to differential systems driven by a fractional Brownian motion. Ann. Probab. 44(2016), no.4, 2554-2590.
<https://doi.org/10.1214/15-AOP1028>
9. Baudoin, F. and Zhang, X.: Taylor expansion for the solution of a stochastic differential equation driven by fractional Brownian motions, Electron. J. Probab. 17 (2012), no.51.
<https://doi.org/10.1214/EJP.v17-2136>
10. Ben Arous, G.: Flot et s'eries de Taylor stochastiques, Probab.Theory Related Fields 81, (1989), 29-77.
<https://doi.org/10.1007/BF00343737>
11. Boedihardjo, H.: Decay rate of iterated integrals of branched rough path, Ann.Inst. H. Poincar'e Anal. Non Lin'aire 35(2018), no 4, 945-969.
<https://doi.org/10.1016/j.anihpc.2017.09.002>
12. Boutaib, Y., Gyurko, L. G., Lyons, T. and Yang, D.: Dimension-free euler estimates of rough differential equations, Rev. Roumaine Math. Pures Appl. 59(2014), no. 1, 25-53.
13. Boedihardjo, H., Lyons, T., and Yang, D.: Uniform factorial decay estimates for controlled differential equations, Electron. Commun. Probab. 20(2015), no. 94, 1-11.
<https://doi.org/10.1214/ECP.v20-4124>

14. Cass, T., Litterer, C. and Lyons, T.: Integrability and tail estimates for Gaussian rough differential equations, *Ann of Prob.* Vol. 41 (2013), No. 4, 3026-3050.
<https://doi.org/10.1214/12-AOP821>
15. Castell, F.: Asymptotic expansion of stochastic flows, *Probab. Theory Relat. Fields* (1993), 96, 225-239, .
<https://doi.org/10.1007/BF01192134>
16. Coutin, L. and Qian, Z.: Stochastic rough path analysis and fractional Brownian motion. *Probab. Theory Relat. Fields* (2002), 122, 108-140.
<https://doi.org/10.1007/s004400100158>
17. Friz, P., Gess, B., Gulisashvili, A. and Riedel, S.: The Jain-Monrad criterion for rough paths and applications to random Fourier series and non-Markovian Hörmander theory, *Ann. Probab.* 44(2016), no. 1, 684-738.
<https://doi.org/10.1214/14-AOP986>
18. Friz, P. and Hairer, M.: *A Course on Rough Paths-With an introduction to regularity structures*, ISBN 978-3-319-08332-2, Springer, 2014.
<https://doi.org/10.1007/978-3-319-08332-2>
19. Friz, P. and Victoir, N.: *Multidimensional stochastic processes as rough paths theory and applications*, Cambridge Studies in Advanced Mathematics, 120. Cambridge, 2010.
<https://doi.org/10.1017/CBO9780511845079>
20. Gess, B., Ouyang, C. and Tindel, S.: Density bounds for solutions to differential equations driven by Gaussian rough paths, arXiv:1712.02740
21. Gubinelli, M.: Ramification of rough path, *Journal of Differential Equation.* 248(2010), 693- 721.
<https://doi.org/10.1016/j.jde.2009.11.015>
22. Lyons, T.: Differential equations driven by rough signals. I. An extension of an inequality of L. C. Young, *Math. Res. Lett.* 1 (1994), no. 4, 451-464.
<https://doi.org/10.4310/MRL.1994.v1.n4.a5>
23. Lyons, T.: Differential equations driven by rough signals, *Rev. Mat. Ibe.* (1998), 14(2), 215-310.
<https://doi.org/10.4171/RMI/240>
24. Lyons, T. and Qian, Z.: *System control and rough paths*, Oxford Mathematical Monographs. Oxford University Press, Oxford science Publications, Oxford, 2002.
<https://doi.org/10.1093/acprof:oso/9780198506485.003.0004>
25. Lyons, T. and Victoir, N.: Cubature on Wiener Space. *Proceedings: Mathematical, Physical and Engineering Sciences* Vol. 460, No. 2041. *Stochastic Analysis with Applications to Mathematical Finance* (Jan. 8, 2004), pp. 169-198
<https://doi.org/10.1098/rspa.2003.1239>
26. Neuenkirch, A., Nourdin, I., Rößler, A. and Tindel, S.: Trees and asymptotic expansions for fractional diffusion processes. *Annales de l'I.H.P. Probabilités et statistiques*, Volume 45 (2009) no.

1, 157-174

<https://doi.org/10.1214/07-AIHP159>

27. Strichartz, R.: The Campbell-Baker-Hausdorff-Dynkin formula and solutions of differential equations, Journal of Functional Analysis Volume 72, Issue 2, June 1987, Pages 320-345.

[https://doi.org/10.1016/0022-1236\(87\)90091-7](https://doi.org/10.1016/0022-1236(87)90091-7)