

Doob, Joseph L.

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References:

- [1] W. Doeblin, Sur certains mouvements aléatoires, C. R. Acad. Sci. Paris vol. 208 (1939) pp. 249-250. · [Zbl 0020.38101](#)
- [2] J. L. Doob, Stochastic processes, John Wiley & Sons, Inc., New York; Chapman & Hall, Limited, London, 1953. · [Zbl 0053.26802](#)
- [3] J. L. Doob, Semimartingales and subharmonic functions, Trans. Amer. Math. Soc. 77 (1954), 86 – 121. · [Zbl 0059.12205](#) ·
- [4] W. Feller, Zur Theorie der stochastischen Prozesse (Existenz und Eindeutigkeitsätze), Math. Ann. vol. 113 (1936) pp. 113-160. · [Zbl 0014.22201](#)
- [5] William Feller, The parabolic differential equations and the associated semi-groups of transformations, Ann. of Math. (2) 55 (1952), 468 – 519. · [Zbl 0047.09303](#) · [doi:10.2307/1969644](https://doi.org/10.2307/1969644) · doi.org
- [6] William Feller, Diffusion processes in one dimension, Trans. Amer. Math. Soc. 77 (1954), 1 – 31. · [Zbl 0059.11601](#) ·
- [7] Robert Fortet, Les fonctions aléatoires du type de Markoff associées à certaines équations linéaires aux dérivées partielles du type parabolique, J. Math. Pures Appl. (9) 22 (1943), 177 – 243 (French). · [Zbl 0063.01414](#)
- [8] Einar Hille, On the integration problem for Fokker-Planck's equation in the theory of stochastic processes, Den 11te Skandinaviske Matematikerkongress, Trondheim, 1949, Johan Grundt Tanums Forlag, Oslo, 1952, pp. 183 – 194.
- [9] Kiyosi Ito, On stochastic differential equations, Mem. Amer. Math. Soc. No. 4 (1951), 51. · [Zbl 0054.05803](#)

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