

## REFERENCES

- [A] D. B. APPLEBAUM (2004): *Lévy processes and stochastic calculus*, CUP (2nd ed. 2009).
- [BaBr] F. BACCELLI and P. BRÉMAUD (1994): *Elements of queueing theory. Palm-martingale calculus and stochastic recurrences*, Springer.
- [BN] O. E. BARNDORFF-NIELSEN (1978): *Information and exponential families*, Wiley.
- [BN-M-R] O. E. BARNDORFF-NIELSEN, T. MIKOSCH and S. I. RESNICK (eds) (2001): *Lévy processes: theory and applications*, Birkhäuser, Basel.
- [BN-S] O. E. BARNDORFF-NIELSEN and N. SHEPHARD (2001): Non-Gaussian Ornstein-Uhlenbeck-based models and some of their uses in financial economics (with discussion), *J. Roy. Statist. Soc. B* **63**, 167-241.
- [Ber] J. BERTOIN (1996): *Lévy processes*, CUP.
- [Bin] N. H. BINGHAM (1975): Fluctuation theory in continuous time, *Adv. Appl. Probab.* **7**, 705-766.
- [BGT] N. H. BINGHAM, C. M. GOLDIE and J. L. TEUGELS (1989), *Regular variation*, 2nd ed., CUP (1st ed. 1987).
- [B-K98] N. H. BINGHAM and R. KIESEL (1998): *Risk-neutral valuation. Pricing and hedging of financial derivatives*, Springer (2nd ed. 2003).
- [B-K01a] N. H. BINGHAM and R. KIESEL (2001a), Modelling asset-return distributions with hyperbolic distributions, p. 1-20 in *Return distributions in finance* (ed. J. Knight and S. Satchell), Butterworth-Heinemann.
- [B-K01b] N. H. BINGHAM and R. KIESEL (2001b): Hyperbolic and semi-parametric models in finance, p. 275-280 in *Disordered and complex systems* (ed. P. Sollich et al.), American Institute of Physics.
- [B-K02] N. H. BINGHAM and R. KIESEL (2002): Semi-parametric modelling in finance: Theoretical Foundations, *Quantitative Finance* **2**, 241-250.
- [B-K-S] N. H. BINGHAM, R. KIESEL and R. SCHMIDT (2003): A semi-parametric approach to risk management. *Quantitative Finance* **3**, 426-441.
- [Brei] L. BREIMAN (1968), *Probability*, Addison-Wesley.
- [Bré] P. BRÉMAUD (1981): *Point processes and queues. Martingale dynamics*, Springer.
- [Ch] T. CHAN (1999): Pricing contingent claims driven by Lévy processes, *Annals of Applied Probability* **9**, 504-528.
- [D-VJ] D. J. DALEY and D. VERE-JONES (1988): *An introduction to point processes*, Springer.
- [F] W. FELLER (1971): *An introduction to probability theory and its ap-*

- plications, Vol. 2, 2nd ed., Wiley (1st ed. 1966).
- [Gn-K] B. V. GNEDENKO and A. N. KOLMOGOROV (1954): *Limit theorems for sums of independent random variables*, Addison-Wesley.
- [Har-Pl] J. M. HARRISON and S. E. PLISKA (1981): Martingales and stochastic integrals in the theory of continuous trading, *Stoch. Proc. Appl.* **11**, 215-260.
- [Hol] M. HOLSCHNEIDER (1995): *Wavelets: An analytic tool*, OUP.
- [Jor] B. JORGENSEN (1997): *The theory of dispersion models*, Chapman and Hall.
- [Kah] J.-P. KAHANE (1985): *Some random series of functions*, 2nd ed., CUP (1st ed. 1968).
- [Kal] G. KALLIANPUR (1980): *Stochastic filtering theory*, Springer.
- [K-S88] I. KARATZAS and S. E. SHREVE (1988): *Brownian motion and stochastic calculus*, Springer.
- [K-S98] I. KARATZAS and S. E. SHREVE (1998): *Methods of mathematical finance*, Springer.
- [Kin] J. F. C. KINGMAN (1993): *Poisson processes*, OUP.
- [KI-Pl] P. E. KLOEDEN and E. PLATEN (1992): *Numerical solution of stochastic differential equations*, Springer.
- [Kol] A. N. KOLMOGOROV (1933): *Grundbegriffe der Wahrscheinlichkeitsrechnung*, Springer.
- [LQ] T. J. LYONS and Z.-M. QIAN (2002): *System control and rough paths*, OUP.
- [Mc-N] P. McCULLAGH and J. A. NELDER (1989): *Generalized linear models*, 2nd ed., Chapman and Hall (1st ed. 1983).
- [McK] H. P. McKEAN (1969): *Stochastic integrals*, Academic Press.
- [Mey] P.-A. MEYER (1976): Un cours sur les intégrales stochastiques, *Sém. Probab. X, Lecture Notes in Math.* **511**, 245-400.
- [Mik] T. MIKOSCH (1998): *Elementary stochastic calculus, with finance in view*, World Scientific.
- [M-R] M. MUSIELA and M. RUTKOWSKI (1997): *Martingale methods in financial modelling*, Springer.
- [Nev] J. NEVEU (1975): *Discrete-parameter martingales*, North-Holland.
- [O] B. OKSENDAL (1998): *Stochastic differential equations. An introduction with applications*, 5th ed., Springer.
- [Pro] P. PROTTER (1990): *Stochastic integration and differential equations. A new approach*, Springer.
- [R-Y] D. REVUZ and M. YOR (1999): *Continuous martingales and Brown-*

*ian motion*, 3rd ed., Springer.

[R-W1] L. C. G. ROGERS and D. WILLIAMS (1994): *Diffusions, Markov processes and martingales, Volume 1: Foundations*, 2nd ed, Wiley.

[R-W2] L. C. G. ROGERS and D. WILLIAMS (1987): *Diffusions, Markov processes and martingales, Volume 2: Itô calculus*, Wiley.

[Sat] K.-I. SATO (1999): *Lévy processes and infinite divisibility*, CUP.

[Ste] J. M. STEELE (2001): *Stochastic calculus and financial applications*, Springer.

[Wax] N. WAX (ed.) (1954): *Selected papers on noise and stochastic processes*, Dover.

[Wil91] D. WILLIAMS (1991): *Probability with martingales*, CUP.

[Wil01] D. WILLIAMS (2001): *Weighing the odds. A course in probability and statistics*, CUP.

[Zag] R. ZAGST (2002): *Interest rate management*, Springer.