

BIBLIOGRAPHY

- [1] W. Arendt, C. Batty, M. Hieber and F. Neubrander, “Vector-Valued Laplace Transforms and Cauchy Problems”, Birkhäuser-Verlag, 2001.
- [2] W. Arendt, A. Driouich and O. El-Mennaoui, *On the infinite product of C_0 -semigroups*, J. Funct. Anal. **160** (1998), 524-542.
- [3] V. Bogachev, M. Röckner and B. Schmulland, *Generalized Mehler semigroups and applications*, Probab. Th. Relat. Fields **114** (1996), 193-225
- [4] P. Cannarsa and G. Da Prato, *Infinite-dimensional elliptic equations with Hölder-continuous coefficients*, Adv. Differ. Equ. **1** (1996), 425-452.
- [5] A. Chojnowska-Michalik and B. Goldys, *Existence, uniqueness and invariant measures for stochastic semilinear equations on Hilbert spaces*, Prob. Th. Rel. Fields **102** (1995), 331-356.
- [6] A. Chojnowska-Michalik and B. Goldys, *On regularity properties of nonsymmetric Ornstein-Uhlenbeck semigroups in L^p spaces*, Stochastics and Stochastics Reports **59** (1996), 183-209.
- [7] A. Chojnowska-Michalik and B. Goldys, *On Ornstein-Uhlenbeck generators*, preprint, School of Mathematics, The University of New South Wales, 1996.
- [8] Yu. Daleckij and S. V. Fomin, *Measures and Differential Equations in Infinite-Dimensional Space*, Kluwer, 1991.
- [9] G. Da Prato, *Null controllability and strong Feller property of Markov transition semigroup*, Nonlinear Analysis TMA **25** (1995), 941-949.

- [10] G. Da Prato, *Regularity results for Kolmogorov equations on $L^2(H, \mu)$ spaces and applications*, Ukrainian Math. J. **49** (1997), 448-457.
- [11] G. Da Prato, *Perturbation of Ornstein-Uhlenbeck semigroups*, Rend. Istit. Mat. Univ. Trieste **28** (1997), 101-126.
- [12] G. Da Prato and J. Zabczyk, *Stochastic Equations in Infinite Dimensions*, Cambridge University Press, 1992.
- [13] G. Da Prato and J. Zabczyk, *Second Order Partial Differential Equations in Hilbert Spaces*, Cambridge University Press, 2002.
- [14] W. Desch and A. Rhandi, *On the norm continuity of transition semigroups in Hilbert spaces*, Archiv Math. **70** (1998), 52-56.
- [15] N. Dunford and J.T. Schwartz, "Linear Operators II", Interscience Publisher, 1958.
- [16] K.J. Engel and R. Nagel, "One-parameter Semigroups for Linear Evolution Equations", Graduate Texts in Mathematics, Springer-Verlag 2000.
- [17] M. Fuhrman, *Analyticity of transition semigroups and closability of bilinear forms in Hilbert spaces*, Studia Math. **115** (1995), 53-71.
- [18] P. Guiotto, *Non differentiability of heat semigroups in infinite dimensional Hilbert spaces*, Semigroup Forum **55** (1997), 232-236.
- [19] L. Gross, *Potential theory in Hilbert spaces*, J. Funct. Anal. **1** (1965), 123-189.
- [20] K. Itô, "Introduction to Probability Theory", Cambridge University Press 1984.
- [21] S. Kakutani, *On equivalence of infinite product measures*, Ann. Math. **49** (1948), 214-224.
- [22] H.H. Kuo, *Gaussian Measures in Banach spaces*, Lecture Notes in Math. **463**, Springer-Verlag 1975.
- [23] J.L. Lasry and P.L. Lions, *A remark on regularization in Hilbert spaces*, Israel J. Math. **55** (1986), 257-266.
- [24] A. Lunardi, *On the Ornstein-Uhlenbeck operator in L^2 spaces with respect to invariant measures*, Trans. Amer. Math. Soc. **349** (1997), 155-165.
- [25] G. Metafuno, J. Prüss, A. Rhandi and R. Schnaubelt, *The domain of the Ornstein-Uhlenbeck operator on an L^p -space with invariant measure*, Ann. Sc. Norm. Sup. Pisa **5** (2002), 471-485.

- [26] G. Metafune, J. Prüss, A. Rhandi and R. Schnaubelt, *L^p -regularity for elliptic operators with unbounded coefficients*, preprint.
- [27] G. Metafune, A. Rhandi and R. Schnaubelt, *Spectrum of the infinite-dimensional Laplacian*, Archiv Math. **75** (2000), 280-282.
- [28] A.S. Nemirovski and S.M. Semenov, *The polynomial approximation of functions in Hilbert spaces*, Mat. Sb. (N.S), **92** (1973), 257-281.
- [29] J.M.A.M. van Neerven and J. Zabczyk, *Norm discontinuity of Ornstein-Uhlenbeck semigroups*, Semigroup Forum **59** (1999), 389-403.
- [30] K.R. Parthasarathy, "Probability Measures in Metric Spaces", Academic Press 1967.
- [31] J. Zabczyk, *Linear stochastic systems in Hilbert spaces*, Banach Center Publ. **41** (1985), 591-609.

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