Spectral analysis of an operator associated with linear functional differential equations and its applications

Murakami S., Naito T., Van Minh N.

Department of Applied Mathematics, Okayama University of Science, Okayama 700-0005, Japan; Department of Mathematics, University of Electro-Communications, Chofu, Tokyo 182-8585, Japan; Department of Mathematics, University of Hanoi, 90 Nguyen Trai, Hanoi, Viet Nam

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Correspondence Address: Murakami, S.; Department of Applied Mathematics, Okayama University of Science, Okayama 700-0005, Japan; email: murakami@xmath.ous.ac.jp

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Authors with affiliations:

- 1. Murakami, S., Department of Applied Mathematics, Okayama University of Science, Okayama 700-0005, Japan
- 2. Naito, T., Department of Mathematics, University of Electro-Communications, Chofu, Tokyo 182-8585, Japan
- Van Minh, N., Department of Mathematics, University of Electro-Communications, Chofu, Tokyo 182-8585, Japan, Department of Mathematics, University of Hanoi, 90 Nguyen Trai, Hanoi, Viet Nam

References:

- 1. Hale, J.K., (1977) Theory of Functional Differential Equations, , Springer-Verlag, New York-Heidelberg-Berlin
- 2. Hale, J.K., Kato, J., Phase space for retarded equations with infinite delay (1978) Funkcial. Ekvac., 21, pp. 11-41
- Hatvani, L., Krisztin, T., On the existence of periodic solutions for linear in-homogeneous and quasilinear functional differential equations (1992) J. Diff. Eq., 97, pp. 1-15
- Hino, Y., Murakami, S., Naito, T., Functional Differential Equations with Infinite Delay (1991) Lecture Notes in Math., 1473., Springer-Verlag, Berlin-New York
- Langenhop, C., Periodic and almost periodic solutions of Volterra integral differential equations with infinite memory (1985)
 J. Diff. Eq., 58, pp. 391-403
- Levitan, B.M., Zhikov, V.V., (1982) Almost Periodic Functions and Differential Equations, Moscow Univ. Publ. House 1978. English translation by Cambridge University Press
- 7. Massera, J.J., Sch??ffer, J.J., (1966) Linear Differential Equations and Function Spaces, , Academic Press, New York
- Murakami, S., Linear periodic functional differential equations with infinite delay (1986) Funkcial. Ekvac., 29 (3), pp. 335-361

- 9. Murakami, S., Naito, T., Minh, N.V., Evolution semigroups and sums of commuting operators: A new approach to the admissibility theory of function spaces J. Diff. Eq., , in press
- 10. Pr?ss, J., (1993) Evolutionary Integral Equations and Applications, , Birkh??user, Basel
- 11. Vu, Q.P., Almost periodic solutions of Volterra equations (1994) Diff. Int. Eq., 7, pp. 1083-1093
- Vu, Q.P., Sch?ler, E., The operator equation AX XB = C, stability and asymptotic behaviour of differential equations (1998) J. Diff. Eq., 145, pp. 394-419