

Preface to the Second Edition

The following changes are made in the second edition.

1. A number of misprints is corrected.
2. The chapter “Operator Bezoutiant and Roots of Entire Functions” is omitted because the results of this chapter are developed and improved in our book [97, Chap. 11].
3. The text dedicated to Lévy processes is essentially extended and, correspondingly, several new chapters are added (see Chapters 7–10). In particular, the following new important results are included: convolution form of infinitesimal generators corresponding to Lévy processes (Chapter 7), construction of quasi-potential operators in the space of continuous functions and solution of several problems formulated by M. Kac (Chapter 8), results on Cauchy type Lévy processes and new examples of Lévy processes (Chapter 9) as well as results on Lévy processes with summable Lévy measures (Chapter 10).
4. In the last Chapter 11 we formulate some open problems, which are connected with the theory of integral equations.

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Lev Sakhnovich

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