

FUNCTIONAL ANALYSIS AND SEMI-GROUPS

by EINAR HILLE and RALPH S. PHILLIPS

This is a completely revised and largely rewritten edition of the Colloquium volume of the same name by the first author. The framework of the earlier book has been kept, but the subject matter has been rearranged and much expanded. The algebraic tools are introduced much earlier and put to important use throughout the treatise. Functional analysis occupies almost one third of the book. The sections devoted to the analytical theory of semi-groups have been augmented by new material on perturbation theory, adjoint theory, spectral theory, operational calculus, and stochastic theory

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