



# Functional Analysis

By Peter D. Lax

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Includes sections on the spectral resolution and spectral representation of self adjoint operators, invariant subspaces, strongly continuous one-parameter semigroups, the index of operators, the trace formula of Lidskii, the Fredholm determinant, and more.

- \* Assumes prior knowledge of Naive set theory, linear algebra, point set topology, basic complex variable, and real variables.
- \* Includes an appendix on the Riesz representation theorem.

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## Functional Analysis By Peter D. Lax Bibliography

- Sales Rank: #1053415 in Books
- Published on: 2002-04-04
- Original language: English
- Number of items: 1
- Dimensions: 9.40" h x 1.60" w x 6.10" l, 2.11 pounds
- Binding: Hardcover
- 608 pages

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“...The book is highly recommended to all students of analysis”. (*Zentralblatt MATH*, Vol.1009, No.9, 2003)

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