

Librería
Bonilla y Asociados
desde 1950



Título: Lectures On Elliptic Boundary Value Problems

Autor: Agmon Shmuel

Precio: \$512.31

Editorial:

Año: 2010

Tema:

Edición: 1ª

Sinopsis

ISBN: 9780821849101

This book, which is a new edition of a book originally published in 1965, presents an introduction to the theory of higher-order elliptic boundary value problems. The book contains a detailed study of basic problems of the theory, such as the problem of existence and regularity of solutions of higher-order elliptic boundary value problems. It also contains a study of spectral properties of operators associated with elliptic boundary value problems. Weyl's law on the asymptotic distribution of eigenvalues is studied in great generality.

Table of Contents

Notations and conventions

Calculus of L^2 derivatives--Local properties

Calculus of L^2 derivatives--Global properties

Some inequalities

Elliptic operators

Local existence theory

Local regularity of solutions of elliptic systems

Gårding's inequality

Global existence

Global regularity of solutions of strongly elliptic equations

Coerciveness

Coerciveness results of Aronszajn and Smith

Some results on linear transformations on a Hilbert space

Spectral theory of abstract operators

Eigenvalue problems for elliptic equations; The self-adjoint case

Non-self-adjoint eigenvalue problems

Completeness of the eigenfunctions

Bibliography

Notation index

Librería
Bonilla y Asociados
desde 1950



Index