

# Characteristic functions and models of nonself-adjoint operators

Kluwer Academic - Characteristic Functions of Maximal Sectorial Operators



Description: -

Venevitinov, D. V. 1805-1827  
Odoevskii, V. F. kniaz', 1803-1869

Nonselfadjoint operators. Characteristic functions and models of nonself-adjoint operators

v. 349.

Mathematics and its applications (Kluwer Academic Publishers) ;

v. 349

Mathematics and its applications ; Characteristic functions and models of nonself-adjoint operators

Notes: Includes bibliographical references (p. 251-267) and indexes.  
This edition was published in 1996



Filesize: 14.29 MB

Tags: #Non

## Characteristic Functions of Maximal Sectorial Operators

The characteristic function is a mathematical object a matrix or an operator associated with a class of nonself-adjoint or nonunitary operators that describes the spectral properties of the operators from this class.

### A. Kuzhel: Characteristic Functions and Models of Nonself

Steklov, and others, in the investigation of problems for ordinary differential equations. A Criterion of Unitary Equivalence.

### Characteristic Functions and Models of Nonself

For given characteristic function of an operator A, we construct, in explicit form, an operator that serves as a model A of the operator A in a certain linear space to some extent this resembles the construction of diagonal and triangular matrices' unitary equivalent or similar, to certain matrix classes.

### Non

These studies applied Cauchy's method of contour integration to the resolvent.

## Characteristic Functions of Maximal Sectorial Operators

Over the last decades, the study of nonself-adjoint or nonunitary operators has been mainly based on the method of characteristic functions and on methods of model construction or dilatation for corresponding operator classes.

---

## Related Books

- [Permanent settlement of African refugees](#)
- [Piedras](#)
- [Behavioral science in the army - a corporate history of the Army Research Institute](#)
- [Greg Davenport's advanced outdoor navigation - basics and beyond](#)
- [Stæfcræft - studies in Germanic linguistics : select papers from the First and the Second Symposium](#)