Universitas Indonesia Library >> UI - Skripsi Open

Spektrum dan himpunan resolvent dari operator linear terbatas dan operator linear self adjoint terbatas = spectrum and resolvent set of bounded linear operators and bounded self adjoint linear operators / Daniel Salim

Daniel Salim, author

Deskripsi Lengkap: https://lib.ui.ac.id/detail?id=20353450&lokasi=lokal

---

Abstrak

[ABSTRAK
Teori spektral adalah salah satu cabang utama dari analisis fungsional. Dalam teori spektral, dipelajari mengenai operator-operator inversi dari operator linear. Yang diperhatikan adalah sifat-sifat umumnya dan hubungan dengan operator linear aslinya. Dalam teori spektral, dikenal dua himpunan yang saling bebas yaitu spektrum dan himpunan resolvent. Operator linear yang diperhatikan pada skripsi ini adalah operator linear terbatas dan operator linear self adjoint terbatas yang telah dikenal di analisis fungsional. Sifat spektrum dan himpunan resolvent dari kedua operator linear tersebut menjadi hal utama yang dikaji di skripsi ini.;
<hr>
ABSTRACT
Spectral theory is one of the main branches of functional analysis. Spectral theory is study about the inverse operators of linear operator. It is concerned with their general properties and their relations to the original linear operator. In spectral theory, there are two adjoint sets called spectrum and resolvent set. There are two linear operators in this undergraduate thesis, they are bounded linear operator and bounded self adjoint linear operator from functional analysis. Spectrum and resolvent set properties of those linear operators is the main part of this undergraduate thesis., Spectral theory is one of the main branches of functional analysis. Spectral theory is study about the inverse operators of linear operator. It is concerned with their general properties and their relations to the original linear operator. In spectral theory, there are two adjoint sets called spectrum and resolvent set. There are two linear operators in this undergraduate thesis, they are bounded linear operator and bounded self adjoint linear operator from functional analysis. Spectrum and resolvent set properties of those linear operators is the main part of this undergraduate thesis.]