Weyl Type Theorems for Restrictions of Bounded Linear Operators

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Abstract: In this paper we give sufficient conditions for which Weyl’s theorems for a bounded linear operator  \( T \), acting on a Banach space  \( X \), can be reduced to the study of Weyl’s theorems for some restriction of  \( T \).

Key words: Weyl’s theorem, \( a \)-Weyl’s theorem, semi-Fredholm operator, pole of the resolvent.

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REFERENCES


