ESSENTIAL SPECTRA OF SOME MATRIX OPERATORS BY MEANS OF MEASURES OF WEAK NONCOMPACTNESS

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Abstract. In this paper, we give some results concerning stability in the Fredholm theory via the concept of measures of weak noncompactness. These results are exploited to investigate the essential spectra of some matrix operators on Banach spaces. This work contains some results which extend some well known ones in the literature.


Keywords and phrases: Measures of weak noncompactness in Banach spaces, Fredholm operators, essential spectra.

REFERENCES