MATHEMATICS

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ON SPECTRUM OF THE CESARO OPERATOR

Abstract

The fine spectrum of the Cesaro operator in the sequence space l_p $(1 < p < \infty)$ has been examined in the present work. Although this discussion is made for determination of the spectrum in [1]-[5] and others, our consequences are more detailed and include a remark concerning the previous work. At the end, the fine spectrum of the Cesaro operator in the sequence c_0 space has been given.