

Title: Spectrum of cesàro operators

Author: Matyáš Maleček

Department of Mathematical Analysis: Department of Mathematical Analysis

Supervisor: prof. RNDr. Jiří Spurný, Ph.D., DSc., Department of Mathematical Analysis

Abstract: This thesis focuses on finding the spectrum of cesàro operator on classic sequence spaces, namely  $c_0$ ,  $c$ ,  $\ell^\infty$  and  $\ell^p$ .

Keywords: cesàro operator spectrum classic sequence spaces