

Univerzita Karlova
Abstract of the bachelor thesis
Composition operators on function spaces
Matěj Novotný, Praha 2011

In the thesis we define what is a composition operator on the space of continuous or measurable functions of one complex variable so that we may proceed to study its properties depending on properties of the mapping the operator is induced by. We search for conditions under which the operator is continuous, compact and an isomorphism. We roughly estimate the spectrum of an operator defined on a space of continuous functions.