## The notion of Holomorphicity in the context of Multicomplex Spaces

Mihaela Vajiac Faculty of Mathematics Schmid College of Science Chapman University USA

July 13, 2010

## Abstract

In this presentation we study regularity notions and properties of functions defined on multicomplex spaces  $\mathbb{BC}_n$ . Our results constitute a generalization of our previous research in this field (joint work with F. Colombo, I. Sabadini, D.C. Struppa, and A. Vajiac). This talk is a continuation (part II) of the previous talk presented at this conference: Algebra and Analysis of Multicomplex Spaces.