## Algebra and Analysis of Multicomplex Spaces

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## Abstract

In this presentation we study algebraic and analytic properties of the multicomplex spaces  $\mathbb{BC}_n$ , which are natural generalizations of the bicomplex numbers. Our results constitute a continuation and a generalization of our previous research in this field (joint work with F. Colombo, I. Sabadini, D.C. Struppa, and M. Vajiac).