Workshop dedicated to the memory of Professor Gabriela Kohr (2nd edition) Geometric Function Theory in Several Complex Variables and Complex Banach Spaces

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## On generalized parametric representation on $\mathbb{B}^n$

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## Abstract

We consider biholomorphic mappings on the Euclidean unit ball  $\mathbb{B}^n$  which embed into normal Loewner chains that have a time-dependent normalization at the origin. In particular, we present convergence results for the compact families of mappings with generalized parametric representation on  $\mathbb{B}^n$  with respect to T and A, where T is the starting time and A is a time-dependent linear operator that determines the normalization.

This talk is based on joint work with Hidetaka Hamada (Kyushu Sangyo University, Fukuoka, Japan) and Gabriela Kohr (Babeş-Bolyai University, Cluj-Napoca, Romania).