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"Linearization of holomorphic Lipschitz functions"

We will analyze the space of holomorphic Lipschitz maps on the unit ball of a Banach space. We will show this space is a dual space, whose canonical predual shares many properties with the Lipschitz-free space, in particular it linearizes holomorphic Lipschitz maps. We will explore these similarities and show that predual space has the (metric) approximation property whenever the underlying space has it. This is part of a joint work with R. Aron, V. Dimant and M. Maestre.

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