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Divergence of Taylor Polynomials in de Branges-Rovnyak Spaces

In this talk, I will present sufficient conditions for the existence of a function in a given de Branges-Rovnyak space for which the Taylor series is unbounded in norm or diverges in norm. The result is a consequence of a refined version of the boundedness principle established by Müller and Vrsovsky.

This is a joint work with Thomas Ransford.