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Javad Mashreghi* (javad.mashreghi@mat.ulaval.ca), Dept Math, Pav. vachon, Quebec, QC G1S 1M8, Canada. *Approximation in "strange" function spaces.*

If X is a function space on the open unit disc D , and $f \in D$, then the dilation $f_r(z) := f(rz)$ usually exhibits good properties. For example, in most function spaces f_r tends to f , as $r \rightarrow 1$, in the norm-topology of X . In fact, it was believed that this is always the case since f_r is analytic on a disc larger than D . Recently, we found a counter-example among the de Branges-Rovnyak spaces in which the dilations behave quite differently. E.G., we can construct an explicit example f such that $\|f_r\| \rightarrow \infty$. Approximation in these spaces has still unknown features. (Received September 09, 2017)