Discrete Translates in Function Spaces.
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Let X be a Banach function space on R. Does there exist a function f ∈ X and a uniformly discrete sequence $\Lambda \subset R$ such that the family of translates
$\{f(t - \lambda)\}, \lambda \in \Lambda$,
spans the whole space X?
I will present a survey on the subject and discuss the last results joint with Alexander Ulanovskii.