

1163-47-185

Emmanuel Fricain* (emmanuel.fricain@univ-lille.fr). *Backward shift invariant subspaces in reproducing kernel Hilbert spaces.*

In this talk, we will discuss the backward shift invariant subspaces for an abstract class of reproducing kernel Hilbert space. This result is inspired by a result of Sarason concerning the de Branges-Rovnyak space (in the non-extreme case). Furthermore, we give new applications in the context of the range space of co-analytic Toeplitz operators and sub-Bergman spaces. (Received August 25, 2020)