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Bobby Wilson* (blwilson@mit.edu), Massachusetts Institute of Technology, Building 2, Room 350B, 77 Massachusetts Avenue, Cambridge, MA 02139. *Projections in infinite-dimensional Banach spaces.*

In this talk we will discuss the classical Besicovitch-Federer projection theorem. In particular, we will focus on the validity of the Besicovitch-Federer projection theorem in the setting of infinite-dimensional Banach spaces. We will show that this is false.

This is joint work with Marianna Csörnyei and David Bate. (Received January 29, 2016)