

Graduate Homotopy Theory Seminar

K-theory with Reality and its Anderson dual

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Abstract: We will first prove a universal coefficient sequence for complex K-theory by a method called Anderson duality. There is a C_2 -equivariant cohomology theory called K-theory with Reality that combines real and complex K-theory. We will discuss how we can copy our method from complex K-theory to obtain the Anderson dual of K-theory with Reality and deduce a universal coefficient sequence for real K-theory.

Thursday, February 11 at 2:00 PM in SEO 612