

Alexander Kumjian, University of Nevada.

Title: k -morphs

Abstract: A k -morph may be thought of as a bridge between two k -graphs; it functions as the analog of a C^* -correspondence in a sense which we make precise in a functorial way. It is the minimum structure needed to synthesize a $(k + l)$ -graph from two given k -graphs. This is joint work with David Pask and Aidan Sims of the University of Wollongong.