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Talia Fernos* (t_fernos@uncg.edu), Greensboro. *Groups and CAT(0) Cube Complexes.*

CAT(0) cube complexes have interesting interconnections between geometry, analysis, and algebra. In this talk, we discuss a variety of aspects of groups acting on CAT(0) cube complexes. In particular, we will discuss the word and conjugacy problems for groups acting geometrically on CAT(0) cube complexes. (Received February 20, 2018)