



Algebra/Topology Seminar

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CW-COMPLEXES OVER CATEGORIES AND POSETS

Thursday, May 2, 2013

1:15 p.m. in ES-143

ABSTRACT. The idea of CW-complexes over categories plays an important role in joint work with Alex Tchernev on minimal free resolutions of monomial ideals. I will introduce this concept and illustrate it with some examples and applications — some in equivariant topology, and some in the special case of posets and in particular closure posets of cell complexes.