

RECOLLEMENTS FROM PARTIAL TILTING COMPLEXES

SILVANA BAZZONI AND ALICE PAVARIN

1. ABSTRACT

In my talk I will consider recollements of derived categories of dg-algebras induced by self orthogonal compact objects. Thanks to these recollements it is possible to recover (and generalize) some well known derived tilting equivalences proved by Rickard and by Bazzoni-Mantese-Tonolo. In the second part I will focus on the connection between recollements of derived categories of rings, bireflective subcategories and “generalized universal localizations”. In the end I will show some examples of recollements induced by partial tilting modules over artin algebras.

My talk is based on a joint work with Silvana Bazzoni.