

COSILTING MODULES

FLAVIU POP

(joint work with Simion Breaz)

ABSTRACT. We study the class of modules, called cosilting modules, which are defined as the categorical duals of silting modules. Several characterizations of these modules and connections of them with silting modules are presented. We show that Bazzoni's theorem about the pure-injectivity of cotilting modules is also valid for cosilting modules.