1172-18-327 Amrei Oswald* (amrei-oswald@uiowa.edu). Decomposing tensor products of bimodules in pointed fusion categories.

I determine how bimodules tensored over algebras in pointed fusion categories decompose into indecomposable bimodules based on the classification of such bimodules by Ostrik and Natale. This has applications in determining fusion rules in group-theoretical fusion categories. I will also discuss how this can be used to classify tensor algebras in pointed fusion categories. (Received August 31, 2021)