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Luke Wolcott* (luke.wolcott@lawrence.edu). *Bousfield lattice invariants of triangulated symmetric monoidal categories.*

If T is a well generated triangulated category with a symmetric monoidal structure, or any localizing subcategory of such a category, the Bousfield class of an object X is the collection of Y such that $X \otimes Y = 0$. In such a category, the collection of Bousfield classes is a set and has the structure of a lattice. We discuss recent work in analyzing the structure of this lattice, in particular when considering a localizing subcategory that does not include the tensor unit. (Received February 10, 2015)