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**James C Cameron\***, jcameron@math.ucla.edu. *Computing homological residue fields.*

Homological residue fields are an attempt to give a notion of residue fields for a tensor triangulated category. I will discuss homological residue fields and how to describe these objects for tensor triangulated categories coming from topology, algebra, and representation theory, and how these homological residue fields give interesting categories of comodules. (Received January 19, 2021)