

BARCODES IN C^0 SYMPLECTIC TOPOLOGY

SOBHAN SEYFADDINI

One of the main difficulties of C^0 symplectic topology is the fact that many of the tools of (smooth) symplectic topology, such as Floer homology, are only defined and applicable in the smooth setting. I will explain how using barcodes and persistence modules one can indirectly define (filtered) Floer homology in the C^0 setting.