

PARITY SHEAVES AND TATE COHOMOLOGY

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Abstract: Parity sheaves are a topologically-defined class of sheaves on a variety which are important for studying the mod p topology. In this talk, I'll define these objects and discuss their importance to modular representation theory. Time permitting, I'll explain how to relate parity sheaves on a variety X with a finite order automorphism to parity sheaves on the fixed-point set.