

The Picard-Lefschetz formula for normal crossings

mardi 25 octobre 2022 11:30 (1 heure)

In the study of semi-stable degeneration of Lefschetz pencils one is led to a generalization of the classical Picard-Lefschetz formula for certain perverse sheaves on normal crossing spaces. In the talk I will recall the formalism of nearby cycle and vanishing cycle functors and I will explain how Hodge theory allows one to obtain the normal crossing Picard-Lefschetz formula.

Joint work with A. Beilinson and H. Esnault.

Orateur: KERZ, Moritz

Classification de Session: Tuesday Morning