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The Abel-Jacobi Map for Higher Chow Groups, II

Let X be a projective algebraic manifold, and Y in X a normal crossing divisor. We describe the regulator map (on the level of complexes) from Bloch's higher Chow groups of X-Y into absolute Hodge cohomology, and give a description of the corresponding Abel–Jacobi map.

This is based on joint work with Matt Kerr.