

Appendix

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This is a formalization of the new results of Sections A.1–A.3 of my paper *Mixed ℓ -adic complexes for schemes over number fields*, excluding the example of filtered derived categories and admitting all the results that can be found in the literature.

0.1 Section A.1: filtered triangulated categories

0.2 Section A.2: compatible t-structures and the realization functor

0.3 A.3: homological algebra calculations and functor reconstruction