

February 9, 2017

Étale Cohomology

Dr. Lei Zhang

Exercise sheet 15¹

Exercise 1. Let \mathcal{C} be a category, and let S be a multiplicative system. Show that if \mathcal{C} is an additive category then $S^{-1}\mathcal{C}$ is an additive category.

¹ If you want your solutions to be corrected, please hand them in just before the lecture on February 16, 2017. If you have any questions concerning these exercises you can contact Shane Kelly via shanekelly64@gmail.com or Lei Zhang via l.zhang@fu-berlin.de.