

Formalising Advanced Mathematics Within Simple Type Theory

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Abstract

By way of explanation: we have been working on this formalisation of schemes for about four months. Anthony, who was leading the project, wanted to keep it secret until he was certain that we could finish the job, even though it was almost finished already. Yesterday the last gaps were filled in, so it is finished now. And he thinks it is much better than the one done in Lean, as well as requiring much less effort to create.