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27. Beyond Homology: Classifying Lens Spaces - Pierre Albin *The Most Infamous Topology Book*

Alexander Grothendieck: A Documentary (Alexander Grothendieck: un documentaire) ~~Breakthrough Prize in Mathematics 2014~~

SCIENCE 3 MODULE 1 WEEK 1 | Classifying Objects and Materials ~~A Topology Book with Solutions~~ Grothendieck song Timothy Gowers on the works of Pierre Deligne [Popular Presentation] **Separable Hilbert spaces - L03 - Frederic Schuller** Classification of sets - Lec 03 - Frederic Schuller Ravi Vakil: Algebraic geometry and the ongoing unification of mathematics [Science Lecture] The Abel Prize Interview 2003 with Jean-Pierre Serre

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[0810.3063v1] Grothendieck fibrations and classifying spaces
arXiv:0810.3063v1 [math.AT] 17 Oct 2008 Grothendieck fibrations and classifying spaces MatiasL. delHoyo Departamento de Matematica FCEyN, Universidad de Buenos Aires

Grothendieck fibrations and classifying spaces
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Arithmetic universes and classifying toposes
topologized Grothendieck group M associated to a monoid M and the homo-topy theoretic group-completion M+ def= ÎÏBM obtained via classifying space theory. We also show the existence of principal fibrations for the Grothendieck group completions of pairs in the same category, which certainly makes this completion a very convenient functor.

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Topos-theoretic background - Olivia Caramello
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