BOOKS AND PAPERS

EXPLAINING THE WORK OF GROTHENDIECK

- AA. VV., *Woods Hole Conference*, American Mathematical Society (1964)[1]

- AA. VV., *Fundamental Algebraic Geometry Explained*, American Mathematical Society (2005)

- ALTMAN – S. KLEIMAN, *Introduction to Grothendieck Duality Theory*, Springer Lecture Notes in Mathematics (1970)

- Y. ANDRE', *Une Introduction aux Motifs*, Société Mathématique de France (2004)

- M. ARTIN, *Grothendieck Topologies*, (1962) (Available in PDF in the Internet in TeX Version)

- P. BERTHELOT – A. OGUS, *Notes on Crystalline Cohomology*, Princeton University Press (1978)

- S. BROCHARD, *Topologies de Grothendieck, Descente, Quotients*, **ARXIV: 1210.0431V1**

- CONRAD, *Grothendieck Duality and Base-Change*, Springer Lecture Notes in Mathematics **1750** (2000)

- CONRAD, *Reductive Group Schemes*, Available on his site

- M. DEMAZURE – P. GABRIEL, *Groupes Algébriques – Tome I*, Masson (1970)

- J. DIESTEL – J.FOURIE – J. SWART, *The Metric Theory of Tensor Products*, American Mathematical Society (2008)

- J. DIEUDONNÉ, *Fondements de la Géométrie Algébrique Moderne*, Université de Montréal (1964)

- V. DOLGACHEV, *Derived Categories*, Available in his site

- DUBUC, *On the Galois Theory of Grothendieck,* **ARXIV: Math/0009145v1**

- EISENBUD, *Commutative Algebra with a View Toward Algebraic Geometry*, Springer-Verlag (1995)

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[1] Never published – though its importance. The scans are available in James Milne's site.

- D. EISENBUD – J. HARRIS, *The Geometry of Schemes*, Springer-Verlag (2000)

- FREITAG – R.KIEHL, *Étale Cohomology and the Weil Conjecture*, Springer-Verlag (1988)

- S. GELFAND – Y. MANIN, *Methods of Homological Algebra*, Springer-Verlag (1988)

- R. HARTSHORNE, *Algebraic Geometry*, Springer-Verlag (1977)

- HARDER, *Lectures on Algebraic Geometry I – II*, Vieweg
- L. ILLUSIE, *Traces in* ⟨$\bar{V}$⟩ *- adic Cohomology*, Japan. Journal of Math. **1** (2006), 107–136

- L. ILLUSIE, *Old and New in Étale Cohomology* , Available on his site

- B. IVERSEN, *Cohomology of Sheaves*, Springer-Verlag (1985)

- P. T. JOHNSTONE, *Topos Theory*, Academic Press (1977)

- G. KATO, The Heart of Cohomology, Springer-Verlag (2006)

- L. LAFFORGUE, *Géométrie Arithmétique, Théorie de Galois-Grothendieck et Chtoucas de Drinfeld Inversibles*, Available on His Site

- W. LENSTRA, *Galois Theory of Schemes*, University of California at Berkeley (1997), Available in the Internet

- LIPMAN, *Notes on Derived Functors and Grothendieck Duality*, Springer Lecture Notes in Mathematics **1960** (2009), 1–259.

- Q. LIU, *Algebraic Geometry and Arithmetic Curves*, Oxford University Press (2002)

- G. MALTSINIOTIS, *La Théorie de l'Homotopie de Grothendieck*, Société Mathématique de France

- S. MACLANE – I. MOERDIJK, *Sheaves in Geometry and Logic – A First Introduction to Topos Theory*, Springer-Verlag (1992)

- MILNE, *Étale Cohomology*, Princeton University Press (1980)

- MILNE, *Étale Cohomology* (2013), Available on his site

- J. MILNE, *Motives – Grothendieck's Dream*, Available on his site

- J. MILNE, *Galois Theory* (2014)[2], Available on his site

- D. MUMFORD, *Geometric Invariant Theory*, Springer-Verlag (1965)[3]

- D. MUMFORD, *The Red Book of Varieties and Schemes*, Springer Lecture Notes **1358** (1999)

- J. P. MURRE, *An Introduction to Grothendieck's Theory of the Fundamental Group*, Tata Institute of Fundamental Research (1967) (Available in the Internet)

- F. OORT, *Algebraic Geometry – Oslo 1970*, Wolters – Noordhoff (1970)

- REID, *Undergraduate Algebraic Geometry*, Cambridge University Press (1988)

- L. SCHNEPS ET AL., *Geometric Galois Actions*, Cambridge University Press (1997)

- T. SZAMUELY, *Galois Groups and Fundamental Groups*, Cambridge University Press (2009)

- G. TAMME, *Étale Cohomology*, Springer-Verlag (1994)

- K. UENO, *Algebraic Geometry 1, 2, 3*, AMS

- C. VOISIN, *Lectures on the Hodge and Grothendieck-Hodge Conjecture*, Rend. Sem. Mat. Univ. Politecnico di Torino **69** (2011), 149 – 198

- W. WATERHOUSE, *Introduction to Affine Group Schemes*, Springer-Verlag (1979)

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[2] This e-book, in chapter 8, contains Galois theory from the point of view of Grothendieck.

[3] The only book containing Grothendieck's theory of abelian schemes.