**Books and Papers**

**Explaining the Work of Grothendieck**

* AA. VV., *Woods Hole Conference*, American Mathematical Society (1964)[[1]](#footnote-2)
* 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)
* 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 - 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]](#footnote-3), Available on his site
* D. Mumford, *Geometric Invariant Theory*, Springer-Verlag (1965)[[3]](#footnote-4)
* 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)
1. Never published – though its importance. The scans are available in James Milne’s site. [↑](#footnote-ref-2)
2. This e-book, in chapter 8, contains Galois theory from the point of view of Grothendieck. [↑](#footnote-ref-3)
3. The only book containing Grothendieck’s theory of abelian schemes. [↑](#footnote-ref-4)