

## REFERENCES

- [AG] D. Arinkin and D. Gaitsgory, *Singular support of coherent sheaves, and the geometric Langlands conjecture*, *Selecta Math. N.S.* **21** (2015), 1–199.
- [BarS] C. Barwick and C. Shommers-Pries, *On the unicity of homotopy theory of higher categories*, arXiv:1112.0040.
- [BB] A. Beilinson and J. Bernstein, *A proof of Jantzen’s conjectures*, *Advances in Soviet Mathematics* **16**, Part I (1993), 1–50.
- [BD] A. Beilinson and V. Drinfeld, *Quantization of Hitchin’s integrable system and Hecke eigensheaves*, available at [http://www.math.harvard.edu/~gaitsgde/grad\\_2009/](http://www.math.harvard.edu/~gaitsgde/grad_2009/).
- [Bez] R. Bezrukavnikov, *On two geometric realizations of the affine Hecke algebra*, arXiv:1209.0403.
- [BFN] D. Benzvi, J. Francis and D. Nadler, *Integral transforms and Drinfeld centers in derived algebraic geometry*, *J. Amer. Math. Soc.* **23** (2010), no. 4, 909–966.
- [Bezr] R. Bezrukavnikov, *On two geometric realizations of the affine Hecke algebra*, arXiv:1209.0403.
- [BoV] J. M. Boardman and J. M. Vogt *Homotopy Invariant Structures on Topological Spaces*, *Lecture Notes in Mathematics* **347**, Springer-Verlag, Berlin and New York (1973).
- [De] P. Deligne, *Catégories tannakiennes*, in: “The Grothendieck Festschrift”, Vol. II, 111–195, *Progr. Math.* **87**, Birkhäuser Boston, Boston, MA, 1990.
- [Dr] V. Drinfeld, *DG Quotients of DG Categories*, *J. Algebra* **272** (2004), no. 2, 643–691.
- [DrGa1] V. Drinfeld and D. Gaitsgory, *On some finiteness questions for algebraic stacks*, *GAFA* **23** (2013), 149–294.
- [DrGa2] V. Drinfeld and D. Gaitsgory, *Compact generation of the category of  $D$ -modules on the stack of  $G$ -bundles on a curve*, joint with V. Drinfeld, arXiv:1112.2402, *Cambridge Math Journal*, **3** (2015), 19–125.
- [Fra] J. Francis, *The tangent complex and Hochschild cohomology of  $E_n$ -rings*, *Compos. Math.* **149** (2013), no. 3, 430–480.
- [FraG] J. Francis and D. Gaitsgory, *Chiral Koszul duality*, *Selecta Math. (N.S.)* **18** (2012), 27–87.
- [FG] E. Frenkel and D. Gaitsgory,  *$D$ -modules on the affine flag variety and representations of affine Kac-Moody algebras*, *Represent. Theory* **13** (2009), 470–608.
- [Ga1] D. Gaitsgory, *Ind-coherent sheaves*, arXiv:1105.4857.
- [Ga2] D. Gaitsgory, *The Atiyah-Bott formula for the cohomology of the moduli space of bundles on a curve*, arXiv:1505.02331.
- [Ga3] D. Gaitsgory, *Sheaves of categories and the notion of 1-affineness*, *Contemporary Mathematics* **643** (2015), 1–99.
- [Ga4] Notes on Geometric Langlands, *Generalities on DG categories*, available at <http://www.math.harvard.edu/~gaitsgde/GL/>.
- [GaRo1] D. Gaitsgory and N. Rozenblyum, *DG indschemes*, *Contemporary Mathematics* **610** (2014), 139–251.
- [GaRo2] D. Gaitsgory and N. Rozenblyum,  *$D$ -modules and crystals*, *PAMQ* **10**, no. 1 (2014), 57–155.
- [Jo] A. Joyal, *Quasi-categories and Kan complexes*, (in Special volume celebrating the 70th birthday of Prof. Max Kelly) *J. Pure Appl. Algebra* **175** (2002), no. 1-3, 207–222.
- [Kr] H. Krause, *The stable derived category of a Noetherian scheme*, *Compos. Math.*, **141**(5) (2005), 1128–1162.
- [LM] G. Laumon, L. Morret-Bailly, *Champs algébriques*, *Ergebnisse der Mathematik und ihrer Grenzgebiete (3 Folge, A Series of Modern Surveys in Mathematics)*, **39**, Springer-Verlag, Berlin, 2000.
- [May] P. May, *The geometry of iterated loop spaces*, *Lecture Notes in Mathematics* **271**, Springer-Verlag, Berlin and New York (1972).
- [LZ1] Y. Liu and W. Zheng, *Enhanced six operations and base change theorem for Artin stacks*, arXiv:1211.5948.
- [LZ2] Y. Liu and W. Zheng, *Gluing restricted nerves of infinity categories*, arXiv:1211.5294..
- [Lu1] J. Lurie, *Higher Topos Theory*, *Annals of Mathematics Studies*, **170**, Princeton University Press, Princeton, NJ, 2009.
- [Lu2] J. Lurie, *Higher Algebra*, available at <http://www.math.harvard.edu/~lurie>.
- [Lu3] J. Lurie,  *$(\infty, 2)$ -categories and Goodwillie calculus-I*, available at <http://www.math.harvard.edu/~lurie>.
- [Lu4] J. Lurie, *DAG-VII, Spectral schemes*, available at <http://www.math.harvard.edu/~lurie>.
- [Lu5] J. Lurie, *DAG-VIII*, available at <http://www.math.harvard.edu/~lurie>.
- [Lu6] J. Lurie, *DAG-X*, available at <http://www.math.harvard.edu/~lurie>.
- [Ne] A. Neeman, *The Grothendieck duality theorem via Bousfield techniques and Brown representability*, *J. Amer. Math. Soc.* **9** (1996), no. 1, 205–236.
- [Rezk] C. Rezk, *A model for the homotopy theory of homotopy theory*, *Trans. Amer. Math. Soc.* **353** (2001), no. 3, 973–1007.

- [Seg] G. Segal, *Categories and cohomology theories*, *Topology* **13**, (1974), 293–312.
- [Sim] C. Simpson, *Algebraic (geometric) n-stacks*, arXiv: 9609014.
- [To] B. Toen, *Descente fidèlement plate pour les n-champs d'Artin*.
- [TV1] B. Toen and G. Vezzosi, *Homotopical Algebraic Geometry-I*.
- [TV2] B. Toen and G. Vezzosi, *Homotopical Algebraic Geometry-II*.
- [TT] R. Thomason and T. Trobaugh, *Higher algebraic K -theory of schemes and of derived categories*, *The Grothendieck Festschrift, Vol. III*, 247–435, *Progr. Math.*, **88** (1990).