

Bibliography

- [1] N. Bourbaki, Commutative algebra, Translated from the French, Hermann, Paris, 1972.
- [2] M. P. Brodmann, R. Y. Sharp, *Local cohomology: an algebraic introduction with geometric applications*, Cambridge Studies in Advanced Mathematics, 60. Cambridge University Press, Cambridge, 1998.
- [3] F. W. Call, *On local cohomology modules*, J. Pure Appl. Algebra **43** (1986), no. 2, 111–117.
- [4] M. T. Dibaei, *A study of Cousin complexes through the dualizing complexes*, Comm. Alg. **33** (2005), 119–132.
- [5] M. T. Dibaei and R. Jafari, *Top local cohomology modules with specified attached primes*, Algebra Colloquium **15** : 2 (2008) 341–344.
- [6] M. T. Dibaei and R. Jafari, *Modules with finite Cousin cohomologies have uniform local cohomological annihilators*, Journal of Algebra, **319** (2008), 3291–3300.
- [7] M. T. Dibaei and R. Jafari, *Cohen-Macaulay loci of modules*, Communications in Algebra, to appear.
- [8] M. T. Dibaei and M. Tousi, *The structure of dualizing complex for a ring which is (S_2)* , J. Math. Kyoto University, **38** (1998), 503–516.
- [9] M. T. Dibaei and M. Tousi, *A generalization of the dualizing complex structure and its applications*, J. Pure and Applied Algebra 155 (2001) 17-28.
- [10] M. T. Dibaei and S. Yassemi, *Some rigidity results for highest order local cohomology modules*, Algebra Colloquium **14** : 3 (2007) 497–504.
- [11] M. T. Dibaei and S. Yassemi, *Top local cohomology modules*, Algebra Colloquium **14** : 2 (2007) 209–214.
- [12] M. T. Dibaei and S. Yassemi, *Attached primes of the top local cohomology modules with respect to an ideal*, Arch. Math. (Basel) **84** (2005), no. 4, 292–297.

- [13] D. Ferrand and M. Raynaud, *Fibres formelles d'un anneau local noetherien*, Ann. Sci. Ecole Norm. Sup. **4**, t. 3 (1970), 295-311.
- [14] A. Grothendieck, *Éléments de géométrie algébrique IV*, Inst. Hautes Études Sci. Publ. Math., **24** 1965.
- [15] S. Goto and K. Watanabe, *On graded rings, I*, J. Math. Soc. Japan, **30** (1978) 179–213.
- [16] J. E. Hall, *Fundamental dualizing complex for commutative Noetherian rings*, Quart. J. Math. Oxford, (2) **30** (1979), 21-32.
- [17] R. Hartshorne, *Residues and duality*, vol. 20, Lect. Notes Math. Berlin Heidelberg New York, Springer-Verlog, 1966.
- [18] R. Hartshorne, *Cohomological dimension of algebraic varieties*, Annals of Math., **88** (1968) 403–450.
- [19] T. Kawasaki, *On macaulayfication of noetherian schemes*, Trans. Amer. Math. Soc., **352** (2000), 2517–2552.
- [20] T. Kawasaki, *Finiteness of Cousin cohomologies*, Trans. Amer. Math. Soc., **360** (2008), 2709–2739.
- [21] J. Lipman, S. Nayak and P. Sastry, *Pseudofunctorial behavior of Cousin complexes on formal schemes*, Contemp. Math. **375** (2005), 3–133.
- [22] I. G. Macdonald, *Secondary representation of modules over a commutative ring*, Symposia Mathematica, **XI** (1973), 23–43.
- [23] I. G. Macdonald and R. Y. Sharp, *An elementary proof of the non-vanishing of certain local cohomology modules*, Quart. J. Math. Oxford **23** (1972), 197–204.
- [24] H. Matsumura, *Commutative ring theory*, Cambridge University Press, 1992.
- [25] H. Petzl, *Cousin complexes and flat ring extentions*, Comm. Algebra, **25** (1997), 311–339.
- [26] C. Rotthaus and L. M. Şega, *Open loci of graded modules*, Trans. Amer. Math. Soc. **358** (2006), 4959–4980.
- [27] P. Schenzel, *Dualisierende Komplexe in der lokalen Algebra und Buchsbaum ringe*, Lecture Notes in Math., vol. 907, Springer, Berlin, Heidelberg, New York, 1982. MR 83i:13013

- [28] P. Schenzel, *On the use of local cohomology in algebra and geometry*, Six lectures on commutative algebra (Bellaterra, 1996), 241–292, Progr. Math., 166, Birkhäuser, Basel, 1998.
- [29] R. Y. Sharp, *The Cousin complex for a module over a commutative Noetherian ring*, Math. Z. **112** (1969), 340–356.
- [30] R. Y. Sharp, *Gorenstein modules*, Math. Z. **115** (1970), 117–139.
- [31] R. Y. Sharp, *Some results on the vanishing of local cohomology modules*, Proc. London Math. Soc. **30** (1975), 177–195.
- [32] R. Y. Sharp, *Dualizing complexes for commutative Noetherian ring*, Math. Proc. Cambridge Philos. Soc., **78** (1975), 369–386.
- [33] R. Y. Sharp, *Local cohomology and the Cousin complex for a commutative Noetherian ring*, Math. Z. **153** (1977), 19–22.
- [34] R. Y. Sharp, *Necessary conditions for the existence of dualizing complexes in commutative algebra*, Lecture Notes in Math. 740, Springer, Berlin, 1979.
- [35] R. Y. Sharp, *A cousin complex characterization of balanced big cohen-macaulay modules*, Quart. J. Math. Oxford, **33** (1982), 471–485.
- [36] R. Y. Sharp and P. Schenzel, *Cousin complex and generalized Hughes complexes*, Proc. London Math. Soc., **68** (1994), 499–517.
- [37] C. Zhou, *Uniform annihilators of local cohomology*, Journal of algebra **305** (2006), 585–602.