

Bibliography

- [1] Y. Aoyama and S. Goto, *On the endomorphism ring of the canonical module*, J. Math. Kyoto Univ. **25**, (1985) 21–30.
- [2] M. Auslander and R. O. Buchweitz, *The homological theory of Cohen-Macaulay approximations*, Mem. Soc. Math. de France **38** (1989), 5–37.
- [3] H. Bass, *Injective dimension in Noetherian rings*, Trans. Amer. Math. Soc. **102** (1962) 18–29
- [4] M. P. Brodmann and R. Y. Sharp , *Local cohomology : an algebraic introduction with geometric applications*, Cambridge University press, Cambridge, 1998.
- [5] W. Bruns and J. Herzog, *Cohen-Macaulay rings*, Cambridge University Press, Cambridge, 1993.
- [6] L. W. Christensen, *Gorenstein dimensions*, Lecture Notes in Math., vol.1747, Springer-Verlag, Berlin, 2000.
- [7] L. W. Christensen, H.B. Foxby and A. Frankild, *Restricted homological dimensions and Cohen–Macaulayness*, J. Algebra 251 (2002) 479–502.

- [8] L. W. Christensen, A. Frankild and H. Holm, *On Gorenstein projective, injective and flat dimensions—A functorial description with applications*, J. Algebra **302**, (2006), 231–279
- [9] L. W. Christensen and H. Holm, *Ascent properties of Auslander categories*, preprint, 2005.
- [10] E. E. Enochs and O. M. G. Jenda, *Gorenstein injective and projective modules*, Math. Z. **220** (1995), no. 4, 611–633.
- [11] E. E. Enochs and O. M. G. Jenda, *Relative homological algebra*, de Gruyter, Berlin, 2000.
- [12] E. E. Enochs, O. M. G. Jenda and B. Torrecillas, *Gorenstein flat modules*, Nanjing Daxue Xuebao Shuxue Bannian Kan **10** (1993), no. 1, 1–9.
- [13] E. E. Enochs, O. M. G. Jenda and J. Xu, *Foxby duality and Gorenstein injective and projective modules*, Trans. Amer. Math. Soc. **348** (1996) 3223–3234.
- [14] P. Griffith, *A representation theorem for complete local rings*, J. Pure Applied Algebra **7** (1976), 303-315.
- [15] P. Griffith, *Maximal Cohen-Macaulay modules and representation theory*, J. Pure Applied Algebra **13** (1978), 321-334.
- [16] R. Hartshorne, *Residues and duality, Lecture notes of a seminar on the work of A. Grothendieck, given at Harvard 1963/64, with an appendix by P. Deligne, Lecture notes in Math.*, vol20, Springer-Verlag, Berlin, 1966.

- [17] M. Hochster, *Topics in the homological theory of modules over commutative ring* (C.B.M.S. Regional Conference Series in Mathematics No. 24) (American Mathematical Society, Providence, 1975).
- [18] H. Holm, *Rings with finite Gorenstein injective dimension*, Proc. American Math. Soc. **132**,(2003), 5 , (1279–1283).
- [19] H. Holm, *Gorenstein homological dimensions*, J. Pure and Appl. Algebra **189**, (2004), 167–193.
- [20] H. Matsumura, *Commutative ring theory*, Cambridge University press, Cambridge, 1990.
- [21] M. Raynaud and L. Gruson, *Critères de platitude et de projectivité. Techniques de platisation d' un module*, Invent. Math. **13**, (1971) 1–89.
- [22] I. Reiten, The Converse to a Theorem of Sharp on Gorenstein Modules, Proceedings of the American Math. Soc., Vol. 32, No. 2, (Apr., 1972), pp. 417-420.
- [23] J. J. Rotman, *An introduction to homological algebra*, Academic Press, Inc. (1979)
- [24] R. Sazeedeh, *Gorenstein injective modules and local cohomology*, Proc. American Math. Soc. **132** (10)(2004)2885–2891.
- [25] R. Y. Sharp, *The Cousin complex for a module over a commutative Noetherian ring*, Math. Z. **112**, (1969), 340–356.
- [26] R. Y. Sharp, *Gorenstein modules*, Math. Z. **115** (1970), 117–139.
- [27] R. Y. Sharp, On Gorenstein modules over a complete Cohen- Macaulay local ring, Oxford Quart. J. Math. Oxford Ser. (2) 22 (1971), 425–434.

- [28] R. Y. Sharp, *Local cohomology and the Cousin complex for a commutative Noetherian ring*, Math. Z. **153** (1977), 19–22.
- [29] R. Y. Sharp, *A Cousin complex characterization of balanced big Cohen–Macaulay modules*, Quart. J. Math. Oxford, **33** (1982), 471–485.
- [30] R. Y. Sharp, *A method for the study of Artinian modules with an application to asymptotic behaviour*, In: Commutative Algebra (Math. Sciences Research Inst. Publ. No. 15, Springer-Verlag, 1989), 177–195.
- [31] R. Y. Sharp, *Cohen–Macaulay properties for balanced big Cohen–Macaulay modules*, Math. Proc. Camb. Phil. Soc. (1981), **90**, 229–238.
- [32] J. R. Strooker, *Homological questions in local algebra*, London Math. Soc. Lecture Notes Series 145, Cambridge University Press, Cambridge 1990.
- [33] Z. Tang and H. Zakeri, *Co–Cohen–Macaulay modules and modules of generalized fractions*, Comm. in Algebra, **22**(6) 1994, 2173–2204.
- [34] J. Xu, *Flat covers of modules*, Lecture Notes in Math., vol. 1634, Springer-Verlag, New York, 1996.