

Bibliography

- [1] F. W. Anderson and K. R. Fuller. *Rings and categories of modules*, volume 13. Springer Science & Business Media, 2012.
- [2] G. Azumaya, F. Mbuntum, and K. Varadarajan. On m -projective and m -injective modules. *Pacific Journal of Mathematics*, 59(1):9–16, 1975.
- [3] R. Baer. Abelian groups that are direct summands of every containing abelian group. *Bulletin of the American Mathematical Society*, 46(10):800–806, 1940.
- [4] B. Banaschewski. On projective and injective modules. *Archiv der Mathematik*, 15:271–275, 1964.
- [5] H. Bass. Finitistic dimension and a homological generalization of semi-primary rings. *Transactions of the American Mathematical Society*, 95(3):466–488, 1960.
- [6] J. A. Beachy and W. D. Blair. *Abstract Algebra*. Waveland Press, 2019.
- [7] S. Breaz, G. Calugareanu, and P. Schultz. Modules with dedekind finite endomorphism rings. *Mathematica*, 53(76):15–28, 2011.
- [8] H. Cartan and S. Eilenberg. *Homological Algebra*, volume 19. Princeton university press, 1956.
- [9] P. M. Cohn. On the free product of associative rings. *Mathematische Zeitschrift*, 71:380–398, 1959.

-
- [10] F. Couchot. Rd-flatness and rd-injectivity. *Communications in Algebra*, 34(10): 3675–3689, 2006.
- [11] N. Ding, Y. Ibrahim, M. Yousif, and Y. Zhou. D4-modules. *Journal of Algebra and Its Applications*, 16(09):1750166, 2017.
- [12] B. Eckmann and A. Schopf. Uber injektive moduln. *Archiv der Math*, 4:75–78, 1953.
- [13] S. Eilenberg. Homological dimension and syzygies. *Annals of Mathematics*, pages 328–336, 1956.
- [14] S. Endo. On semi-hereditary rings. *Journal of the Mathematical Society of Japan*, 13(2):109–119, 1961.
- [15] D. J. Fieldhouse. Pure theories. *Mathematische Annalen*, 184(1):1–18, 1969.
- [16] J. S. Golan. Characterization of rings using quasiprojective modules. ii. *Proceedings of the American Mathematical Society*, 28(2):337–343, 1971.
- [17] V. Hiremath. Hopfian rings and hopfian modules. *Indian Journal of Pure and Applied Mathematics*, 17(7):895–900, 1986.
- [18] Y. Ibrahim, M. T. Koşan, T. C. Quynh, and M. Yousif. Simple-direct-projective modules. *Communications in Algebra*, 44(12):5163–5178, 2016.
- [19] S. Jain and S. Singh. Rings whose cyclic modules are injective or projective. *Proceedings of the American Mathematical Society*, 53(1):16–18, 1975.
- [20] R. B. W. Jr. Exchange rings and decomposition of modules. *Math. Ann.*, 199: 31–36, 1972.
- [21] I. Kaplansky. On the dimension of modules and algebras, x: a right hereditary ring which is not left hereditary. *Nagoya Mathematical Journal*, 13:85–88, 1958.

-
- [22] I. Kaplansky. *Rings of operators*. WA Benjamin, 1968.
- [23] A. Koehler. Quasi-projective and quasi-injective modules. *Pacific J. Math*, 36(3):713–720, 1971.
- [24] T. Y. Lam. *Lectures on modules and rings*, volume 189. Springer Science & Business Media, 2012.
- [25] G. Lee, S. Tariq Rizvi, and C. S. Roman. Rickart modules. *Communications in Algebra*, 38(11):4005–4027, 2010.
- [26] G. Lee, S. T. Rizvi, and C. S. Roman. Dual rickart modules. *Communications in Algebra*, 39(11):4036–4058, 2011.
- [27] G. Lee, S. T. Rizvi, and C. Roman. Modules whose endomorphism rings are von neumann regular. *Communications in Algebra*, 41(11):4066–4088, 2013.
- [28] W. Li, J. Chen, and F. Kourki. On strongly c2 modules and d2 modules. *Journal of Algebra and Its Applications*, 12(07):1350029, 2013.
- [29] J.-M. Maranda. On pure subgroups of abelian groups. *Archiv der Mathematik*, 11(1):1–13, 1960.
- [30] S. K. Maurya and A. J. GUPTA. Finite-direct-injective modules. *International Electronic Journal of Algebra*, 23(23):143–152, 2018.
- [31] Y. Miyashita. Quasi-projective modules perfect modules and a theorem for modular lattices. *Journal of the Faculty of Science Hokkaido University. Ser. 1 Mathematics*, 19(2):086–110, 1966.
- [32] S. H. Mohamed and B. J. Müller. *Continuous and discrete modules*, volume 147. Cambridge University Press, 1990.

-
- [33] A. Moradzadeh-Dehkordi. On the structure of pure-projective modules and some applications. *Journal of Pure and Applied Algebra*, 221(4):935–947, 2017.
- [34] W. K. Nicholson. Semiregular modules and rings. *Canadian Journal of Mathematics*, 28(5):1105–1120, 1976.
- [35] W. K. Nicholson and M. F. Yousif. *Quasi-frobenius rings*. Number 158. Cambridge University Press, 2003.
- [36] E. Noether. Idealtheorie in ringbereichen. *Mathematische Annalen*, 83(1-2):24–66, 1921.
- [37] B. M. Pandeya and A. J. Gupta. Characterizations of rings using direct projective modules. *International Journal of Mathematical Sciences*, 3(01):53–60, 2004.
- [38] G. Puninski and P. Rothmaler. When every finitely generated flat module is projective. *Journal of Algebra*, 277(2):542–558, 2004.
- [39] K. M. Rangaswamy. Abelian groups with endomorphic images of special types. *Journal of Algebra*, 6(3):271–280, 1967.
- [40] A. Tiwary and B. Pandeya. Pseudo projective and pseudo injective modules. *Indian J. Pure Appl. Math*, 9(9):941–949, 1978.
- [41] J. Von Neumann. On regular rings. *Proceedings of the National Academy of Sciences*, 22(12):707–713, 1936.
- [42] R. Ware. Endomorphism rings of projective modules. *Transactions of the American Mathematical Society*, 155(1):233–256, 1971.
- [43] R. Wisbauer. *Modules and Algebras: Bimodule Structure on Group Actions and Algebras*, volume 81. CRC Press, 1996.

- [44] R. Wisbauer. *Foundations of Module and Ring Theory: A handbook for study and research*. Routledge, 2018.
- [45] L. E. Wu and J. Jans. On quasi projectives. *Illinois Journal of Mathematics*, 11(3):439–448, 1967.
- [46] W. Xue. Characterization of rings using direct-projective modules and direct-injective modules. *Journal of pure and applied Algebra*, 87(1):99–104, 1993.
- [47] W. Xue. On morita duality. *Bulletin of the Australian Mathematical Society*, 49(1):35–46, 1994.
- [48] M. Yousif, I. Amin, and Y. Ibrahim. D3-modules. *Communications in Algebra*, 42(2):578–592, 2014.