

DAFTAR PUSTAKA

- [1] L. Gilbert and J. Gilbert, *Elements of Modern Algebra*, 7th ed. Brooks/Cole, Cengage Learning, 2009.
- [2] I. K. Waliyanti, I. E. Wijayanti, and M. F. Rosyid, “On Non-Associative Rings,” *Math. Stat.*, vol. 9, no. 2, pp. 172–178, 2021, doi: 10.13189/ms.2021.090212.
- [3] T. Shah, A. Razzaque, I. Rehman, M. A. Gondal, M. I. Faraz, and K. P. Shum, “Literature Survey on Non-Associative Rings and Developments,” *Eur. J. Pure Appl. Math.*, vol. 12, no. 2, pp. 370–408, 2019, doi: 10.29020/nybg.ejpam.v12i2.3408.
- [4] M. Ashraf, S. Ali, and C. Haetinger, “On Derivations in Rings and Their Applications,” *The Aligarh Bull. of Maths.*, vol. 25, no. 2, pp. 79–107, 2006.
- [5] I. N. Herstein, “Jordan Derivations of Prime Rings,” in *Proceedings of the American Mathematical Society*, 1957, vol. 8, no. 6, pp. 1104–1110.
- [6] J. Stewart, *Calculus*, Eighth Edi. Boston: Cengage Learning, 2016.
- [7] D. S. Dummit and R. M. Foote, *Abstract Algebra*, 3rd ed. New Jersey: John Wiley and Sons, Inc., 2004.
- [8] I. N. Herstein, “On the Lie and Jordan Rings of a Simple Associative Ring,” *Am. J. Math.*, vol. 77, no. 2, p. 279, 1955, doi: 10.2307/2372531.
- [9] K. McCrimmon, *A Taste of Jordan Algebras*. 2004.
- [10] R. R. Andruszkiewicz and K. Pryszzczeplko, “A Curious Characterization of Subrings of the Field and Applications,” *Am. Math. Mon.*, vol. 126, no. 5, pp. 455–458, 2019, doi: 10.1080/00029890.2019.1577105.
- [11] M. Brešar, “Jordan Derivations Revisited,” *Math. Proc. Cambridge Philos. Soc.*, vol. 139, no. 3, pp. 411–425, 2005, doi: 10.1017/S0305004105008601.
- [12] J. Vukman and I. Kosi-Ulbl, “On Centralizers of Semisimple H^* -Algebras,” *Taiwan. J. Math.*, vol. 11, no. 4, pp. 1063–1074, 2023.
- [13] N. A. Khan, “The Characteristic of a Ring,” *Am. Math. Mon.*, vol. 70, no. 7, p. 736, 1963.
- [14] I. N. Herstein, *Non-Commutative Rings*. The Mathematical Association of America, 1968.

- America, 1971.
- [15] M. Lestari and N. Larasati, “Ideals in Matrix Rings over Commutative Rings,” *Mathline J. Mat. dan Pendidik. Mat.*, vol. 8, no. 4, pp. 1271–1282, 2023.