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Anthony W. Knapp

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## SELECTED REFERENCES

Artin, E., Geometric Algebra, Interscience Publishers, Inc., New York, 1957; reprinted, John Wiley \& Sons, Inc., New York, 1988.
Artin, M., Algebra, Prentice-Hall, Englewood Cliffs, NJ, 1991.
Baez, J. C., The octonions, Bull. Amer. Math. Soc. 39 (2002), 145-205.
Berlekamp, E. R., Algebraic Coding Theory, McGraw-Hill Book Company, 1968.
Berlekamp, E. R. (ed.), Key Papers in the Development of Coding Theory, IEEE Press Selected Reprint Series, IEEE Press [Institute of Electrical and Electronics Engineers, Inc.], New York, 1974.
Brown, K. S., Cohmology of Groups, Springer-Verlag, New York, 1982; reprinted with corrections, 1994.
Dunford, N., and J. T. Schwartz, Linear Operators, Part I, Interscience Publishers, Inc., New York, 1958; reprinted, John Wiley \& Sons, Inc., New York, 1988.
Elkies, N. D., Lattices, linear codes, and invariants II, Notices of the American Mathematical Society 47 (2000), 1382-1391.
Farb, B., and R. K. Dennis, Noncommutative Algebra, Springer-Verlag, New York, 1993.

Hall, M., The Theory of Groups, The Macmillan Company, New York, 1959; reprinted, Chelsea Publishing Company, New York, 1976.
Halmos, P. R., Naive Set Theory, D. Van Nostrand Company, Inc., Princeton, 1960; reprinted, Springer-Verlag, New York, 1974.
Hasse, H., Number Theory, English translation of the original German, SpringerVerlag, Berlin, 1980; reprinted, 2002.
Hayden, S., and J. F. Kennison, Zermelo-Fraenkel Set Theory, Charles E. Merrill Publishing Company, Columbus, 1968.
Hecke, E., Lectures on the Theory of Algebraic Numbers, English translation of the original German, Springer-Verlag, New York, 1981.
Hermite, C., Sur quelques approximations algébriques, J. Reine Angew. Math. 76 (1873), 342-344.

Hilton, P. J., and U. Stammbach, P., A Course in Homological Algebra, SpringerVerlag, New York, 1971; second edition, 1997.
Hoffman, K., and R. Kunze, Linear Algebra, Prentice-Hall, Englewoord Cliffs, NJ, 1961; second edition, 1971.
Hua, L.-K., Introduction to Number Theory, English translation of the original Chinese, Springer-Verlag, Berlin, 1982.

Ireland, K., and M. Rosen A Classical Introduction to Modern Number Theory, Springer-Verlag, New York, 1982; second edition, 1990.
Jacobson, N., Basic Algebra, Volume I, W. H. Freeman and Company, San Francisco, 1974; second edition, New York, 1985. Volume II, W. H. Freeman and Company, San Francisco, 1980; second edition, New York, 1989.
Jacobson, N., Lectures in Abstract Algebra, Volume I, D. Van Nostrand Company, Inc., Princeton, 1951; reprinted, Springer-Verlag, New York, 1975. Volume II, D. Van Nostrand Company, Inc., Princeton, 1953; reprinted, Springer-Verlag, New York, 1975. Volume III, D. Van Nostrand Company, Inc., Princeton, 1964; reprinted with corrections, Springer-Verlag, New York, 1975.
Kelley, J. L., General Topology, D. Van Nostrand Company, Inc., Princeton, 1955; reprinted, Springer-Verlag, New York, 1975.
Knapp, A. W., Basic Real Analysis, Birkhäuser, Boston, 2005.
Lam, T. Y., A First Course in Noncommutative Rings, Springer-Verlag, New York, 1991; second edition, 2001.
Lang, S., Algebra, Addison-Wesley, Reading, MA, 1965; second edition 1984; revised third edition, Springer, New York, 2002.
Lang, S., Algebraic Number Theory, Springer-Verlag, New York, 1986; second edition, Springer-Verlag, New York, 1994.
Lindemann, F., Über die Zahl $\pi$, Math. Annalen 20 (1882), 213-225.
Mac Lane, S., Categories for the Working Mathematician, Springer, New York, 1971; second edition, 1998
Morgan, S. P., Richard Wesley Hamming (1915-1998), Notices of the American Mathematical Society 45 (1998), 972-977.
Pollard, H., The Theory of Algebraic Numbers, Carus Monographs, Mathematical Association of America, 1950.
Rotman, J., Galois Theory, Springer-Verlag, New York, 1990; second edition, 1998. Sah, C.-H., Abstract Algebra, Academic Press, New York, 1967.
St. Andrews, School of Mathematics and Statistics, University of St. Andrews, Scotland, MacTutor History of Mathematics Archive, Biographies of Mathematicians, updated as of 2015, http://www-groups.dcs.st-and.ac.uk for background, http://www-history.mcs.st-andrews.ac.uk/ history/index.html for official entry point, http://www-groups .dcs.st-and.ac.uk/~history/Mathematicians for direct access to list of mathematicians.
Van der Waerden, B. L., Modern Algebra, English translation of the original German, Volume I, Frederick Ungar Publishing Company, New York, 1949; multiple later translated editions. Volume II, Frederick Ungar Publishing Company, New York, 1950; multiple later translated editions.
Zariski, O., and P. Samuel, Commutative Algebra, Volume I, D. Van Nostrand Company, Inc., Princeton, 1958; reprinted, Springer-Verlag, New York, 1975.

