Selected References, 715-716

DOI: 10.3792/euclid/9781429799980-13

from

Basic Algebra Digital Second Edition

Anthony W. Knapp

Full Book DOI: <u>10.3792/euclid/9781429799980</u> ISBN: 978-1-4297-9998-0 BASIC ALGEBRA Digital Second Edition





Distributed by Project Euclid. For copyright information, see the following page. Anthony W. Knapp 81 Upper Sheep Pasture Road East Setauket, N.Y. 11733-1729, U.S.A. Email to: aknapp@math.stonybrook.edu Homepage: www.math.stonybrook.edu/~aknapp

Title: Basic Algebra Cover: Construction of a regular heptadecagon, the steps shown in color sequence; see page 505.

Mathematics Subject Classification (2010): 15–01, 20–01, 13–01, 12–01, 16–01, 08–01, 18A05, 68P30.

First Edition, ISBN-13 978-0-8176-3248-9 c 2006 Anthony W. Knapp Published by Birkhäuser Boston

Digital Second Edition, not to be sold, no ISBN c 2016 Anthony W. Knapp Published by the Author

All rights reserved. This file is a digital second edition of the above named book. The text, images, and other data contained in this file, which is in portable document format (PDF), are proprietary to the author, and the author retains all rights, including copyright, in them. The use in this file of trade names, trademarks, service marks, and similar items, even if they are not identified as such, is not to be taken as an expression of opinion as to whether or not they are subject to proprietary rights.

All rights to print media for the first edition of this book have been licensed to Birkhäuser Boston, c/o Springer Science+Business Media Inc., 233 Spring Street, New York, NY 10013, USA, and this organization and its successor licensees may have certain rights concerning print media for the digital second edition. The author has retained all rights worldwide concerning digital media for both the first edition and the digital second edition.

The file is made available for limited noncommercial use for purposes of education, scholarship, and research, and for these purposes only, or for fair use as understood in the United States copyright law. Users may freely download this file for their own use and may store it, post it online, and transmit it digitally for purposes of education, scholarship, and research. They may not convert it from PDF to any other format (e.g., EPUB), they may not edit it, and they may not do reverse engineering with it. In transmitting the file to others or posting it online, users must charge no fee, nor may they include the file in any collection of files for which a fee is charged. Any exception to these rules requires written permission from the author.

Except as provided by fair use provisions of the United States copyright law, no extracts or quotations from this file may be used that do not consist of whole pages unless permission has been granted by the author (and by Birkhäuser Boston if appropriate).

The permission granted for use of the whole file and the prohibition against charging fees extend to any partial file that contains only whole pages from this file, except that the copyright notice on this page must be included in any partial file that does not consist exclusively of the front cover page. Such a partial file shall not be included in any derivative work unless permission has been granted by the author (and by Birkhäuser Boston if appropriate).

Inquiries concerning print copies of either edition should be directed to Springer Science+Business Media Inc.

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, Springer-Verlag, 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, Springer-Verlag, 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.

Selected References

- 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 π , 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.