

This is my books wishlist as of July 10, 2018. No e-books please, *actual* books only!

Do take note that this list is incomplete. You can help by expanding it (i.e., suggest some books that may be of interest to me).

Wishlist

- [AB09] Sanjeev Arora and Boaz Barak. *Computational Complexity: A Modern Approach*. Cambridge University Press, New York, NY, 2009.
- [ALSU06] Alfred V. Aho, Monica S. Lam, Ravi Sethi, and Jeffrey Ullman. *Compilers: Principles, Techniques, and Tools*. Addison-Wesley, Boston, MA, 2nd edition, 2006.
- [AS96] Harold Abelson and Gerald Jay Sussman. *Structure and Interpretation of Computer Programs*. MIT Electrical Engineering and Computer Science Series. MIT Press, Cambridge, MA, 2nd edition, 1996.
- [Bar09] Gregory V. Bard. *Algebraic Cryptanalysis*. Springer US, Boston, MA, 2009.
- [BJ13] David M. Beazley and Brian K. Jones. *Python Cookbook*. O'Reilly Media, Sebastopol, CA, 3rd edition, 2013.
- [Bri13] Robert Bringhurst. *The Elements of Typographic Style*. Hartley & Marks Publishers, Point Roberts, WA, 4th edition, 2013.
- [Bro95] Frederick P. Brooks. *The Mythical Man-Month: Essays on Software Engineering*. Addison-Wesley, Reading, MA, 2nd edition, 1995.
- [CLRS09] Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein. *Introduction to Algorithms*. MIT Press, Cambridge, MA, 3rd edition, 2009.
- [Dew01] Alexander K. Dewdney. *The New Turing Omnibus: Sixty-Six Excursions in Computer Science*. Henry Holt and Company, New York, NY, 2nd edition, 2001.
- [DK02] Hans Delfs and Helmut Knebl. *Introduction to Cryptography*. Information Security and Cryptography. Springer-Verlag Berlin Heidelberg, Berlin, 2002.
- [Doo18] John F. Dooley. *History of Cryptography and Cryptanalysis*. History of Computing. Springer International Publishing, Cham, 2018.
- [FFFK18] Matthias Felleisen, Robert Bruce Findler, Matthew Flatt, and Shriram Krishnamurthi. *How to Design Programs: An Introduction to Programming and Computing*. MIT Press, Cambridge, MA, 2nd edition, 2018.
- [GHJV95] Erich Gamma, Richard Helm, Ralph Johnson, and John Vlissides. *Design Patterns: Elements of Reusable Object-Oriented Software*. Addison-Wesley Professional Computing Series. Addison-Wesley, Reading, MA, 1995.
- [GKP94] Ronald L. Graham, Donald E. Knuth, and Oren Patashnik. *Concrete Mathematics: A Foundation for Computer Science*. Addison-Wesley, Reading, MA, 2nd edition, 1994.
- [HD15] Nicholas J. Higham and Mark R. Dennis, editors. *The Princeton Companion to Applied Mathematics*. Princeton University Press, Princeton, NJ, 2015.

- [HPS08] Jeffrey Hoffstein, Jill Pipher, and Joseph H. Silverman. *An Introduction to Mathematical Cryptography*. Undergraduate Texts in Mathematics. Springer-Verlag New York, New York, NY, 2008.
- [Hun74] Thomas W. Hungerford. *Algebra*, volume 73 of *Graduate Texts in Mathematics*. Springer-Verlag New York, New York, NY, 1974.
- [JJ98] Gareth A. Jones and J. Mary Jones. *Elementary Number Theory*. Springer Undergraduate Mathematics Series. Springer-Verlag London, London, 1998.
- [JS18] Tom Jenkyns and Ben Stephenson. *Fundamentals of Discrete Math for Computer Science*. Undergraduate Topics in Computer Science. Springer International Publishing, Cham, 2018.
- [Knu84] Donald E. Knuth. *The TeXbook*, volume A of *Computers & Typesetting*. Addison-Wesley, Reading, MA, 1984.
- [Knu86a] Donald E. Knuth. *Computer Modern Typefaces*, volume E of *Computers & Typesetting*. Addison-Wesley, Reading, MA, 1986.
- [Knu86b] Donald E. Knuth. *METAFONT: The Program*, volume D of *Computers & Typesetting*. Addison-Wesley, Reading, MA, 1986.
- [Knu86c] Donald E. Knuth. *The METAFONTbook*, volume C of *Computers & Typesetting*. Addison-Wesley, Reading, MA, 1986.
- [Knu86d] Donald E. Knuth. *TeX: The Program*, volume B of *Computers & Typesetting*. Addison-Wesley, Reading, MA, 1986.
- [Knu97a] Donald E. Knuth. *Fundamental Algorithms*, volume 1 of *The Art of Computer Programming*. Addison-Wesley, Reading, MA, 3rd edition, 1997.
- [Knu97b] Donald E. Knuth. *Seminumerical Algorithms*, volume 2 of *The Art of Computer Programming*. Addison-Wesley, Reading, MA, 3rd edition, 1997.
- [Knu98] Donald E. Knuth. *Sorting and Searching*, volume 3 of *The Art of Computer Programming*. Addison-Wesley, Reading, MA, 2nd edition, 1998.
- [Knu11] Donald E. Knuth. *Combinatorial Algorithms, Part 1*, volume 4A of *The Art of Computer Programming*. Addison-Wesley, Upper Saddle River, NJ, 2011.
- [Kob94] Neal Koblitz. *A Course in Number Theory and Cryptography*, volume 114 of *Graduate Texts in Mathematics*. Springer-Verlag New York, New York, NY, 1994.
- [Kob98] Neal Koblitz. *Algebraic Aspects of Cryptography*, volume 3 of *Algorithms and Computation in Mathematics*. Springer-Verlag Berlin Heidelberg, Berlin, 1998.
- [KR11] Lars R. Knudsen and Matthew J.B. Robshaw. *The Block Cipher Companion*. Information Security and Cryptography. Springer-Verlag Berlin Heidelberg, Berlin, 2011.
- [KT06] Jon Kleinberg and Eva Tardos. *Algorithm Design*. Pearson/Addison-Wesley, Boston, MA, 2006.
- [Lan02] Serge Lang. *Algebra*, volume 211 of *Graduate Texts in Mathematics*. Springer-Verlag New York, New York, NY, 2002.

- [Lap17] Manul Laphroaig. *PoC|GTFO*. No Starch Press, San Francisco, CA, 2017.
- [Lup10] Ellen Lupton. *Thinking with Type: A Critical Guide for Designers, Writers, Editors, & Students*. Princeton Architectural Press, New York, NY, 2nd edition, 2010.
- [Mah10] Sanjoy Mahajan. *Street-Fighting Mathematics: The Art of Educated Guessing and Opportunistic Problem Solving*. MIT Press, Cambridge, MA, 2010.
- [Mey05] Scott Meyers. *Effective C++: 55 Specific Ways to Improve Your Programs and Designs*. Addison-Wesley Professional Computing Series. Addison-Wesley, Upper Saddle River, NJ, 3rd edition, 2005.
- [Mey14] Scott Meyers. *Effective Modern C++: 42 Specific Ways to Improve Your Use of C++11 and C++14*. O'Reilly Media, Sebastopol, CA, 2014.
- [MvOV97] Alfred J. Menezes, Paul C. van Oorschot, and Scott A. Vanstone. *Handbook of Applied Cryptography*. Discrete Mathematics and Its Applications. CRC Press, Boca Raton, FL, 1997.
- [NS08] Noam Nisan and Simon Schocken. *The Elements of Computing Systems: Building a Modern Computer from First Principles*. MIT Press, Cambridge, MA, 2008.
- [OLBC10] Frank W. J. Olver, Daniel W. Lozier, Ronald F. Boisvert, and Charles W. Clark, editors. *NIST Handbook of Mathematical Functions*. Cambridge University Press, New York, NY, 2010.
- [Pie02] Benjamin C. Pierce. *Types and Programming Languages*. MIT Press, Cambridge, MA, 2002.
- [Pol14] George Polya. *How to Solve It: A New Aspect of Mathematical Method*. Princeton Science Library. Princeton University Press, Princeton, NJ, 2014.
- [PP10] Christof Paar and Jan Pelzl. *Understanding Cryptography*. Springer-Verlag Berlin Heidelberg, Berlin, 2010.
- [Rum18] John R. Rumble, editor. *CRC Handbook of Chemistry and Physics*. CRC Press, Boca Raton, FL, 99th edition, 2018.
- [Sch96] Bruce Schneier. *Applied Cryptography: Protocols, Algorithms and Source Code in C*. John Wiley & Sons, Indianapolis, IN, 2nd edition, 1996.
- [Ski08] Steven S. Skiena. *The Algorithm Design Manual*. Springer-Verlag London, London, 2nd edition, 2008.
- [Spi14] Erik Spiekermann. *Stop Stealing Sheep & Find Out How Type Works*. Graphic Design & Visual Communication Courses. Adobe Press, San Jose, CA, 3rd edition, 2014.
- [Sta97] Richard P. Stanley. *Enumerative Combinatorics, Volume 2*. Number 62 in Cambridge Studies in Advanced Mathematics. Cambridge University Press, New York, NY, 1997.
- [Sta11] William Stallings. *Cryptography and Network Security: Principles and Practice*. Prentice Hall, Boston, MA, 5th edition, 2011.
- [Sta12] Richard P. Stanley. *Enumerative Combinatorics, Volume 1*. Number 49 in Cambridge Studies in Advanced Mathematics. Cambridge University Press, New York, NY, 2nd edition, 2012.

- [Str14] Bjarne Stroustrup. *The C++ Programming Language*. Addison-Wesley, Upper Saddle River, NJ, 4th edition, 2014.
- [SW11] Robert Sedgewick and Kevin Daniel Wayne. *Algorithms*. Addison-Wesley, Upper Saddle River, NJ, 4th edition, 2011.
- [Swe15] Al Sweigart. *Automate the Boring Stuff with Python: Practical Programming for Total Beginners*. No Starch Press, San Francisco, CA, 2015.
- [TB15] Andrew S. Tanenbaum and Herbert Bos. *Modern Operating Systems*. Pearson, Boston, MA, 4th edition, 2015.
- [VK14] Dana Vrajitoru and William Knight. *Practical Analysis of Algorithms*. Undergraduate Topics in Computer Science. Springer International Publishing, Cham, 2014.
- [War13] Henry S. Warren. *Hacker's Delight*. Addison-Wesley, Upper Saddle River, NJ, 2nd edition, 2013.
- [Yan02] Song Y. Yan. *Number Theory for Computing*. Springer-Verlag Berlin Heidelberg, Berlin, 2nd edition, 2002.
- [Zei16] Paul Zeitz. *The Art and Craft of Problem Solving*. John Wiley & Sons, Hoboken, NJ, 3rd edition, 2016.
- [Zwi18] Daniel Zwillinger. *CRC Standard Mathematical Tables and Formulas*. Advances in Applied Mathematics. CRC Press, Boca Raton, FL, 33rd edition, 2018.