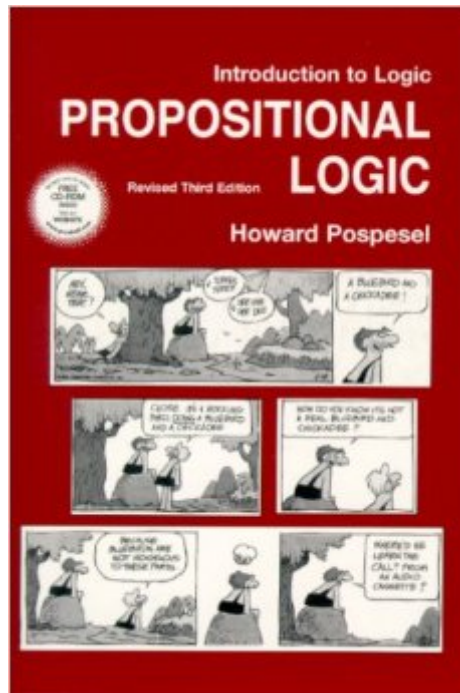# Introduction To Logic: Propositional Logic, Revised Edition (3rd Edition)

Synopsis

Designed to make logic interesting and accessibleâ ”without sacrificing content or rigorâ ”this classic introduction to contemporary propositional logic explains the symbolization of English sentences and develops formal-proof, truth-table, and truth-tree techniques for evaluating arguments. An accompanying computer tutorial program, PropLogic, is available on CD-ROM in two versions: one version can be installed and run off a hard drive; one (identical) â œportableâ • version can be run off the CD-ROM itself (allowing students/instructors flexibility on when/where they use the program). An appendix in the text describes program details.   Tutors readers on formula construction, symbolization, formal proofs, full and brief truth tables, and truth trees. Also provides additional practice exercises. Content organized around natural-deduction formal-proof procedures, truth tables, and truth trees. Gradual presentation of logical statement connectives. Shows students how to symbolize sentences containing the connective and how to use proof rules involving that connective before introducing additional connectives. Examples of actual arguments similar to those readers encounter, and to which they can readily relate. Draws examples and exercises from newspapers, magazines, television, books, textbooks, term papers, posters, comic strips, television programs, films, records, and conversations. Increases students' awareness of the arguments they read and hear every day. Extensive exercise sets throughout provide solutions to about one-quarter of the exercises (in an appendix). Provides ample opportunities for assignments and practice.

Book Information

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Customer Reviews

I dislike to come down on a book written about a subject that I like so much, but I think the author

lacked a clear communication ability. Although I am doing a Masters in Software engineering, I felt like I had to struggle a little too much and make too many exceptions for the author in a book labeled "Introduction .." By exceptions, I mean to say that because of my familiarity with the subject, I know where he is trying to go, but felt like for an introduction it should have been written in a more readable style and better organized in the flow of content. I gave it two stars because it has the content necessary and can be learned by those who don't mind struggling their way through it. Also I thought that it was good that it had exercises and puzzles. Comparatively, I found Introduction to Logic by Harry Gensler to make the material more accessible in his writing style.

NOTE TO PRENTICE HALL, THE PUBLISHER (since I could not find a comment area on their website):I stand by my original comment below. In fact it works just fine on Windows 8.1 But it may not work on the next operating system. IT WOULD BE VERY NICE IF SOMEONE UPDATED THIS SOFTWARE (as well as PredLogic). I will be using PropLogic for a few more years and if it does not work in the next version of Windows, I may postpone purchasing the new version of Windows.And if the software is updated, this excellent book will continue to SELL.RAThe software works perfect in Windows 7 64bit. For as old as the software is, I can tell that it was really well written. I am impressed with this book because of how the author follows and takes off from E.J. Lemmon's book Beginning Logic. Using the Prop Logic program to work Lemmon's examples and exercises is a great learning experience. There is some translation of the rules of inference involved, but it is not terribly difficult.

I bought this book on the understanding that it came with a CD rom which would run on my computer. The CD rom which ships with this product only run on Windows 95/98 and NT. Why would be offering such out to date editions is very disappointing. This is not a cheap book. I recommend that you do not buy this and if you want to study Logic use:"The languages of Logic" by Samuel Guttenplan which is excellent and much cheaper.

This is a easy to use text for learning the basics of Propositional Logic. The rule set is simple and symmetrical, easy to use. The CD gives important feedback to the student and contains the answers to almost every exercise in the book plus additional practice exercises. I would recommend this textbook to any professor wishing to teach Propositional Logic.

very nice book. I am not a lawyer nor a law student prospect, but I did take a logic courses in high

school, and college. Anyway my friend was studying for the LSAT and was having issues with it. I was reading some of their questions and notice that I was able to solve many of the problems from just applying principles I had learned from this book. While I have no intention of going to law school, this may be a good book to review as a prelaw student prior to taking the test, and prior to going over material related to the test.

Up until maybe Chapter 4 or 5 everything's fairly well-explained, but after that, when you get into the longer proofs, it gets a bit muddied and our Prof had to side-step from the book a bit to keep everyone on-track. It has comic cells that help to illustrate the ideas, which was nice.

Every voter should take a course in logic. Every student should learn the elements of critical thinking. I took an Intro to Philosophy class years ago and the instructor used this book. She supplemented with letters to the editor and candidates for public office position statements. It was very enlightening and changed the way I listen to and process information. This is the best book I have used on the subject. I always use a little bit of the simpler techniques when I teach math classes. I also use it when I teach students how to search the Internet effectively.

I honestly like this book, beyond being a school textbook I could see how someone intrested in Logic would easily pick this up and learn it without a class to go with it. The information in it is clear and doesn't really read like a traditional textbook, like some others do.

Introduction to Logic: Propositional Logic, Revised Edition (3rd Edition) Logic: Propositional Logic (Quickstudy: Academic) Introduction to Programmable Logic Controllers, 3rd Edition Apple Pro Training Series: Logic Pro 8 and Logic Express 8 Critical Thinking: Decision Making with Smarter Intuition and Logic! (Critical Thinking, Decision Making, Logic, Intuition) Set Theory (Studies in Logic: Mathematical Logic and Foundations) Set Theory and Its Logic, Revised Edition Fundamentals of Programmable Logic Controllers, Sensors, and Communications (3rd Edition) Foundational Math Skills - 100 Numbers - Wildlife Coloring Book: Fun-Schooling with Art, Creativity & Logic - 1st, 2nd & 3rd Grades Large Print SPANISH Word Search Puzzles (Revised Edition No.1) (Large Print SPANISH Word Search Puzzles (Revised Edition Vol 1)) (Volume 1) (Spanish Edition) Solve Your Child's Sleep Problems: Revised Edition: New, Revised, and Expanded Edition Exploring Wine: Completely Revised 3rd Edition Pen Turner's Workbook, 3rd Edition Revised and Expanded: Making Pens from Simple to Stunning The Anime Encyclopedia, 3rd Revised Edition: A

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