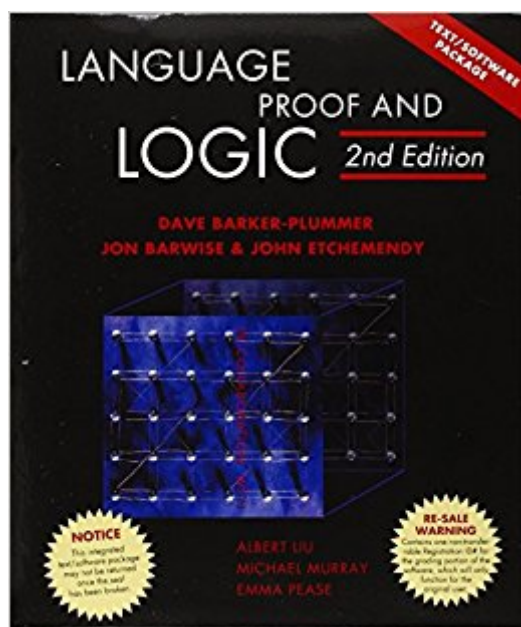# Language, Proof And Logic, 2nd Edition

Synopsis

Language Proof and Logic is available as a physical book with the software included on CD and as a downloadable package of software plus the book in PDF format. The all-electronic version is available from Openproof at ggweb.stanford.edu.The textbook/software package covers first-order language in a method appropriate for first and second courses in logic. An on-line grading services instantly grades solutions to hundred of computer exercises. It is designed to be used by philosophy instructors teaching a logic course to undergraduates in philosophy, computer science, mathematics, and linguistics.Introductory material is presented in a systematic and accessible fashion. Advanced chapters include proofs of soundness and completeness for propositional and predicate logic, as well as an accessible sketch of Godel's first incompleteness theorem. The book is appropriate for a wide range of courses, from first logic courses for undergraduates (philosophy, mathematics, and computer science) to a first graduate logic course.The software package includes four programs:Tarski's World 5.0, a new version of the popular program that teaches the basic first-order language and its semantics;Fitch, a natural deduction proof environment for giving and checking first-order proofs;Boole, a program that facilitates the construction and checking of truth tables and related notions (tautology, tautological consequence, etc.);Submit, a program that allows students to submit exercises done with the above programs to the Grade Grinder, the automatic grading service.Grade reports are returned to the student and, if requested, to the student's instructor, eliminating the need for tedious checking of homework. All programs are available for Windows, Macintosh and Linux systems.Â Instructors do not need to use the programs themselves in order to be able to take advantage of their pedagogical value. More about the software can be found at lpl.stanford.edu.The price of a new text/software package includes one Registration ID, which must be used each time work is submitted to the grading service. Once activated, the Registration ID is not transferable.

Book Information

Paperback: 606 pages

Publisher: Center for the Study of Language and Inf; 2nd edition (October 15, 2011)

Language: English

ISBN-10: 1575866323

ISBN-13: 978-1575866321

Product Dimensions: 7.8 x 1.8 x 9.2 inches

Shipping Weight: 2.5 pounds (View shipping rates and policies)

Average Customer Review: 3.2 out of 5 stars See all reviews (34 customer reviews)

Best Sellers Rank: #75,034 in Books (See Top 100 in Books)   #27 in Books > Textbooks > Humanities > Philosophy > Logic   #44 in Books > Science & Math > Mathematics > Pure Mathematics > Logic   #74 in Books > Politics & Social Sciences > Philosophy > Logic & Language

Customer Reviews

The CD makes this book. The book itself is freaking useless but the CD it comes with is worth the purchase price. TONS of examples included on the CD and very good overall software. If this book isn't assigned to you I would recommend purchasing it only for the CD

When I passed the class I took this book in my backyard and drilled a hole through it.

This book does an absolutely terrible job of explaining logic. In most instances it offers no examples, and little to no instruction on how to do the homework problems which are done in a computer program that is glitchy, terribly written, hard to use, my complaints about this book are virtually endless. If you are in your right mind do not buy this piece of s***. Unfortunately I am stuck with it and currently at the point of frustration where I am about to throw my computer out a window because my overall grade in this class is going to suffer. It will not suffer because of my inability to do logic, oh no, I understand all of it quite well. My grade will suffer because of terribly written instructions and homework problems that make the class difficult when the material itself is not.

Good book. Excellent software. But not for an intro logic course! This text is probably more rigorous and spartan than most undergraduate texts. I would really look elsewhere unless one were teaching some sort of advanced or honors logic. However, it can serve well as a introductory graduate logic text, though some supplementation would be needed since modal logic and probability theory are not included.The software is simply amazing. Easy for the teacher, great for the students. Three different programs come in the software package. one for constructing and completing formal proofs, one for truth tables, and one for constructing and evaluating sentences in a couple simple FOL languages. Exercise files are included, matching most of the exercises in the book chapters. Some exercises must be done by hand, of course, but the electronic resources are quite helpful. And, frankly, they're a lot of fun.

Just okay condition. But, I am a college student. As long as the pages are all there then it doesn't matter too much.I wish the seller advertised more prominently the fact that the CD to accompany may not be included. So, it was kinda a gamble. Thank god other students in my class are smart with computers and were able to give me a copy via flash drive.Not too much writing either in the book. Looked like a dog ate the corner though. Quite literally the dog ate my homework/book hahaha. Or perhaps the student became frustrated with logic and bit their book.Either way, the book was clearly written and I had a fun time learning logic. The authors had a different approach with introducing logic than other books I have used.

The logic book/programs that Stanford sells are very unreliable and frustrating. They have many bugs that need to be worked out. The main problem with their programs is that they constantly crash or freeze. Sometimes I have to start my computer all over again in order to begin my homework. Also, the updates never work on my MacBook. I don't recommend anyone buy this book or the CD it includes. If it is required for your logic class, talk to the professor about choosing another book. You will have much difficulty doing your homework with these unreliable programs!!

As others have said this book does a terrible job of explaining logic. The book simply does not have enough examples explaining how to solve the problem using the software.

The software is so glitchy and really hard to used. In the end it crashed my 2 year old mac so I had to drop the class. $800 plus the cost of the text book and time spent down the drain. The textbook is badly written and doesn't give examples or much instruction at all. It's by far the worst textbook I've ever used and I'm about to graduate.

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