Uma Bibliografia em Lógica

por Arthur Buchsbaum

Lógica Elementar e / ou Informal:

- "Lógica", de John Nolt & Dennis Rohatyn, McGraw-Hill & Makron Books.
- "Introdução à Lógica", de Irving M. Copi, Editora Mestre Jou.
- "Introdução à Lógica", de Cezar A. Mortari, UNESP.
- "Logic: A Very Short Introduction", de Graham Priest, Oxford University Press.
- "Logic: An Introduction to Elementary Logic", de Wilfrid Hodges, Penguin Books.
- "The Power of Logic", de Charles S. Layman, Mayfield Publishing Company.
- "Elements of Deductive Inference: An Introduction to Symbolic Logic", de Joseph Bessie & Stuart Glennan, Wadsworth Publishing Company.

Tópicos Tradicionais (teorias da prova e dos modelos para a lógica clássica, teoria dos números naturais, teoria dos conjuntos, teoria da recursão):

- "First Order Mathematical Logic", de Angelo Margaris, Dover Publications.
- "A Friendly Introduction to Mathematical Logic", de Christopher C. Leary, Prentice Hall.
- "A Mathematical Introduction to Logic", de Herbert B. Enderton, Academic Press.
- "A Course in Mathematical Logic", de J. L. Bell & M. Machover, North-Holland.
- "Mathematical Logic", de H. D. Ebbinghaus, J. Flum & W. Thomas, Springer Verlag.
- "Logic and Structure", de D. van Dalen, Springer Verlag.
- "Introduction to Mathematical Logic", de Elliot Mendelson, International Thomson Publishers.
- "Mathematical Logic", de J. R. Shoenfield, Addison-Wesley.

Dicionários e Enciclopédias:

- "Notions and Theorems of Elementary Formal Logic", de Witold A. Pogorzelski, Białystok Branch, Warsaw University.
- "Enciclopédia de Termos Lógico-Filosóficos", de João Branquinho e Desidério Murcho, Gradiva.

Metalógica:

- "Metalogic: An Introduction to the Metatheory of Standard First Order Logic", de Geoffrey Hunter, University of California Press.

Teoria da Prova:

- "Basic Proof Theory", de Anne S. Troelstra, H. Schwichtenberg e outros, Cambridge University Press.
- "Proof Theory and Automated Deduction", de Jean Goubault-Larrecq & Ian MacKie, Kluwer Academic Publishers.
- "Normalization, Cut-Elimination and the Theory of Proofs, de A. M. Ungar, CSLI Publications.
- "Structural Proof Theory", de Sara Negri & Jan Von Plato, Cambridge University Press.
- "Proofs and Types", de Jean-Yves Girard, Yves Lafont & Paul Taylor, Cambridge University Press.
- "Natural Deduction: A Proof-Theoretical Study", de Dag Prawitz, Dover.

Teoria dos Modelos:

- "Beginning Model Theory: The Completeness Theorem and Some Consequences", de Jane Bridge, Oxford University Press.
- "Basic Model Theory", de Kees Doets, CSLI Publications & FoLLI.
- "A Shorter Model Theory", de Wilfrid Hodges, Cambridge University Press.
- "Model Theory", de Wilfrid Hodges, Cambridge University Press.
- "Model Theory", de Chen Chung Chang & H. Jerome Keisler, North-Holland.

Automatização do Raciocínio e Programação em Lógica:

- "Symbolic Logic and Mechanical Theorem Proving", Chin-Liang Chang & Richard Char-Tung Lee, Academic Press.
- "Automated Theorem Proving – A Logical Basis", de Donald W. Loveland.
- "The Resolution Calculus", de Alexander Leitsch, Springer.
- "Clausal Form Logic: An Introduction to the Logic of Computer Programming", de Tom Richards & Thomas J. Richards, Addison-Wesley.
- "First-Order Logic and Automated Theorem Proving", de Melvin Fitting, Springer-Verlag.
- "Resolution Proof Systems: An Algebraic Theory", de Zbigniew Stachniak, Kluwer Academic Publishers.
- "O Método dos Tableaux Generalizado e sua Aplicação ao Raciocínio Automático em Lógicas Não Clássicas", de Arthur Buchsbaum & Tarcisio Pequeno, O que nos faz pensar – Cadernos do Departamento de Filosofia da PUC-Rio, 1990, nº 3.
- "Handbook of Tableau Methods", de Marcello D'Agostino (editor), Kluwer Academic Publishers.
- "Proof Methods for Modal and Intuitionistic Logics", de Melvin Fitting, D. Reidel.
- "First-Order Logic", de Raymond M. Smullyan, Dover Publications.
- "Theory of Formal Systems", de Raymond Smullyan, Princeton University Press.
- "Foundations of Logic Programming", de J. W. Lloyd, Springer Verlag.
- "From Logic to Logic Programming", de Kees Doets, MIT Press.

Sistemas Lógicos:

- "Intermediate Logic", de David Bostock, Clarendon Press & Oxford University Press.
- "The Semantic Foundations of Logic – Propositional Logics", de Richard L. Epstein, Oxford University Press.
- "Predicate Logic – The Semantic Foundations of Logic", de Richard L. Epstein, Oxford University Press.
- "A Short Introduction to Intuitionistic Logic", de Grigori Mints, Kluwer Academic / Plenum Publishers.
- "A Short Introduction to Modal Logic", de Grigori Mints, Center for the Study of Language and Information, Lecture Notes, C. S. L. I. Publications.
- "Modal Logic: An Introduction", de Brian F. Chellas, Cambridge University Press.
- "A New Introduction to Modal Logic", de G. E. Hughes & M. J. Cresswell, Routledge.
- "First-Order Modal Logic", de Melvin Fitting & Richard L. Mendelsohn, Kluwer Academic.
- "Lógica Indutiva e Probabilidade", de Newton C. A. da Costa, Hucitec.

- "Deviant Logic, Fuzzy Logic: Beyond the Formalism", de Susan Haack, University of Chicago Press.
- "Uma Família de Lógicas Paraconsistentes e / ou Paracompletas com Semânticas Recursivas", de Arthur Buchsbaum e Tarcisio Pequeno, Coleção Documentos – Série de Lógica e Teoria da Ciência nº 14, Instituto de Estudos Avançados, Universidade de São Paulo.
- "Paraconsistent Logic: Essays on the Inconsistent", de Graham Priest, Richard Routley & Jean Norman (editores), Philosophia Verlag.
- "Mathematical Logic and Hilbert's ε-Symbol", de A. C. Leisenrigh, Gordon & Breach Science Publications.
- "Non Monotonic Logic: Context-dependent Reasoning", W. Marek & M. Truszczynski, Springer-Verlag.
- "Nonmonotonic Logics: Basic Concepts, Results and Techniques", de Karl Schlechta, Springer-Verlag.
- "Nonmonotonic Reasoning", de Grigoris Antoniou & Mary-Anne Williams, MIT Press.

Filosofia da Lógica

- "Ensaio sobre os Fundamentos da Lógica", de Newton C. A. da Costa, Hucitec.
- "Lógica Indutiva e Probabilidade", de Newton C. A. da Costa, Hucitec.
- "O Conhecimento Científico", de Newton C. A. da Costa, Discurso Editorial.
- "Deviant Logic, Fuzzy Logic: Beyond the Formalism", de Susan Haack, University of Chicago Press.
- "Filosofia das Lógicas", de Susan Haack, Editora UNESP.

Teoria da Recursão:

- "Computability and Logic", de George S. Boolos & Richard C. Jeffrey, Cambridge University Press.
- "The Logic of Provability", de George Boolos, Cambridge University Press.
- "Gödel's Incompleteness Theorems", de Raymond M. Smullyan, Oxford University Press.
- "Modelos de Computação e Sistemas Formais", de Roberto Lins de Carvalho & Claudia Maria Garcia Medeiros de Oliveira, 11ª Escola de Computação.

Lógica para Ciência da Computação:

- "Lógica para Ciência da Computação", de João Nunes de Souza, Editora Campus.
- "Logic for Applications", de Anil Nerode & Richard A. Shore, Springer.
- "Essence of Logic", de John J. Kelly, Prentice Hall.
- "Computation as Logic", de René Lalement, Prentice Hall.
- "Logic for Computer Scientists", de Uwe Schöning, Springer Verlag.
- "Mathematical Logic for Computer Science", de Lu Zhongwan, World Scientific Pub. Co.
- "Mathematical Logic for Computer Science", de M. Ben-Ari, Springer Verlag.
- "The Logical Basis for Computer Programming: Deductive Reasoning", Vol. 1, de Zohar Manna, Richard Waldinger & Johar Manna, Addison-Wesley.
- "The Logical Basis for Computer Programming: Deductive Systems", Vol. 2, de Zohar Manna, Richard Waldinger & Johar Manna, Addison-Wesley.

- "The Deductive Foundations of Computer Programming: An One-Volume Version of 'The Logical Basis for Computer Programming' ", de Richard Waldinger & Zohar Manna, Addison-Wesley.

Lógica e Teoria das Categorias:

- "Teoria das Categorias para Ciências da Computação", de Paulo Blauth Menezes & Edward Hermann Haeusler, Sagra-Luzzatto.
- "Sets, Logic and Categories", de Peter J. Cameron, Springer.
- "Topoi – The Categorial Analysis of Logic", de Robert Goldblatt, North-Holland.
- "Arrows, Structures and Functors – The Categorical Imperative", de Michael A. Arbib & Ernest G. Manes, Academic Press.
- "Introduction to Higher-Order Categorical Logic", de J. Lambek & P. J. Scott, Cambridge University Press.
- "Categorical Logic and Type Theory", de B. Jacobs (Editor), Elsevier Science.

Lógica e Inteligência Artificial:

- "Logical Foundations of Artificial Intelligence", de Michael R. Genesereth & Nils J. Nilsson, Morgan Kaufmann Publishers.
- "Logics for Artificial Intelligence", de Raymond Turner.
- "Handbook of Logic in Artificial Intelligence and Logic Programming", 6 vols., editado por Dov M. Gabbay, C. J. Hogger & J. A. Robinson, Oxford University Press.

Álgebra da Lógica:

- "Algebraic Methods in Philosophical Logic", de by J. Michael Dunn & Gary Hardegree, Oxford University Press.
- "Algebraic Introduction to Mathematical Logic", de D. W. Barnes.

Lógica Filosófica:

- "An Introduction to Philosophical Logic", de A. C. Grayling, Blackwell.
- "Logical Forms: An Introduction to Philosophical Logic", de Mark Sainsbury, Blackwell.

Lógica e Visualização:

- "Line Diagrams for Logic: Drawing Conclusions", de George Englebretsen, Edwin Mellen Press.
- "Logic and Visual Information", de Eric M. Hammer, Cambridge University Press.
- "The Logical Status of Diagrams", de Sun-Joo Shin, Cambridge University Press.

História da Lógica:

- "Concise History of Logic", de Heinrich Scholz, Wisdom Library / Philosophical Library.
- "A History of Formal Logic", de Innocentius M. Bochenski.

História da Computação:

- "História da Computação – Teoria e Tecnologia", de Cléuzio Fonseca Filho, LTR.

Lógica para Matemática:

- "Logic for Mathematicians", de John Barkley Rosser, Chelsea Publishing Company.

Matemática para Ciência da Computação:

- "Introductory Logic and Sets for Computer Scientists", de Nimal Nissanke, Addison-Wesley.
- "Matemática Discreta", de Edward R. Scheinerman, Thomson Pioneira.
- "Mathematics: A Discrete Introduction", de Edward R. Scheinerman, Brooks / Cole Publishing.
- "A Logical Approach to Discrete Math", de David Gries & Fred B. Schneider, Springer Verlag.
- "Practical Foundations of Mathematics", de Paul Taylor, Cambridge University Press.
- "Concrete Mathematics: A Foundation for Computer Science", de Ronald Graham, Oren Patashnik & Donald Ervin Knuth, Addison-Wesley.

Teoria dos Conjuntos:

- "Teoria Ingênua dos Conjuntos", de Paul R. Halmos, Editora Ciência Moderna.
- "Naive Set Theory", de Paul R. Halmos, Springer-Verlag.
- "Axiomatic Set Theory", de Patrick Suppes, Dover Publications.
- "Elements of Set Theory", de Herbert B. Enderton, Academic Press.
- "Set Theory and Logic", de Robert R. Stoll, Dover Publications.
- "Axiomatic Theory of Sets and Classes", de Murray Eisenberg, Editora: Holt, Rinehart and Winston.
- "Set Theory with an Introduction to Descriptive Set Theory", de K. Kuratowski & A. Mostowski, North-Holland Publishing Company.
- "Basic Set Theory", de Azriel Levy, Dover Publications.
- "Set Theory and the Continuum Problem", de Raymond M. Smullyan & Melvin Fitting, Oxford Science Publications.
- "Elements of Mathematics: Theory of Sets", de Nicolas Bourbaki, Springer.
- "Elementos de Teoria Paraconsistente de Conjuntos", de N. C. A. da Costa, Jean-Yves Béziau & Otávio Bueno, Coleção CLE, Centro de Lógica, Epistemologia e História da Ciência, UNICAMP.