

# Effective Logic Computation

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The book presents a new theory for logic computation that supports the construction of fast solution algorithms, with guaranteed performance, for large classes of real-world problems.

## Contents

Introduction - Basic Concepts - Some Matroid Theory - System B, Linear Algebra, and Matroids - Special Matrix Classes - Characterizations of Hidden Near Negativity - Boolean Closed Matrices - Closed Subregion Decomposition - Monotone Sum - Closed Sum - Augmented Sum - Linear Sum - Analysis Algorithm - Central and Semicentral Classes - References - Author Index - Subject Index.

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