

Reference Books IST 4: Information and Logic Spring 2008

The following books are recommended as sources for extending your knowledge beyond what is covered in class. *They are not a required reading.* The books are reserved at the Caltech library.

1. Frank Markham Brown, *Boolean Reasoning: The Logic of Boolean Equations*, Dover Publications; 2003.
2. Tobias Dantzig, *Number: The Language of Science*. Pi Press; 2005.
3. Stanislas Dehaene, *The Number Sense: How the Mind Creates Mathematics*. Oxford University Press; 2002.
4. Donald Knuth, *The Art of Computer Programming, Volume 2: Seminumerical Algorithms*. Addison-Wesley; 1998.
5. Zvi Kohavi, *Switching and Finite Automata Theory*. McGraw-Hill; 1990.
6. Stephen Layman, *The Power of Logic*. McGraw-Hill; 2005.
7. Karl Menninger, *Number Words and Number Symbols: A Cultural History of Numbers*. Dover Publications; 1992.

