

## BOOKS I NEED REVIEWED FOR SIGACT NEWS COLUMN

### Algorithms

1. *Algorithmics of matching under preferences* By Manlove.
2. *Pearls of Functional Algorithm Design* by Bird.
3. *Jewels of Stringology Text Algorithms* by Maxime Crochemor and Wojciech Rytter.
4. *Tractability: Practical approach to Hard Problems* Edited by Bordeaux, Hamadi, Kohli.
5. *Recent progress in the Boolean Domain* Edited by Bernd Steinbach
6. *Distributed computing through combinatorial topology* by Herlihy, Kozlov, and Rajsbaum.

### Programming Languages

1. *Selected Papers on Computer Languages* by Donald Knuth.
2. *Introduction to the Theory of Programming Languages* by Dowek and Levy.

### Misc Computer Science

1. *Digital Signatures* by Jon Katz
2. *Introduction to reversible computing* by Perumalla.
3. *Algebraic Geometry Modelling in Information Theory* Edited by Edgar Moro.
4. *Digital Logic Design: A Rigorous Approach* by Even and Medina.
5. *Communication Networks: An Optimization, Control, and Stochastic Networks Perspective* by Srikant and Ying.

### Mathematics and History

1. *The Golden Ratio and Fibonacci Numbers* by Richard Dunlap.
2. *A Mathematical Orchard: Problems and Solutions* by Krusemeyer, Gilbert, Larson.
3. *Mathematics Galore! The first five years of the St. Marks Institute of Mathematics* by Tanton.
4. *Mathematics Everywhere* Edited by Aigner and Behrends.
5. *An Episodic History of Mathematics: Mathematical Culture Through Problem Solving* by Krantz.
6. *The Logician and the Engineer* by Nahin.
7. *Proof Analysis: A Contribution to Hilbert's Last Problem* by Negri and Von Plato.