

Notes: Miscellanea

Version 2.0

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Contents

1 Algorithms	3
1.1 IEEE 2000	3
1.1.1 Metropolis	3
1.1.2 Simplex Method for Linear Programming	3
1.1.3 Krylov Subspace Iteration Methods	3
1.1.4 The Decompositional Approach to Matrix Computations	3
1.1.5 Fortran	3
1.1.6 QR Algorithm	3
1.1.7 Quicksort	3
1.1.8 FFT	3
1.1.9 Integer Relation Detection	3
1.1.10 Fast Multipole Method	3
1.2 Graham Scan	3
1.3 MD5	3
1.4 RSA	3
1.5 AES	3
1.6 Huffman Coding	3
1.7 LZ77	3
1.8 DEFLATE	3
1.9 DCT	3
2 Math	4
2.1 Matrix Decompositions	4
2.2 Linear Programming	4
2.3 Regression	4
2.4 Probability	4
2.5 Lambda Calculus	4
2.6 Misc.	4
3 Engineering	5
3.1 AC Power	5
4 Baseball	6
5 Glossary	7

1 Algorithms

1.1 Top Ten Most Important, Influential Algorithms of the 20th Century

1.1.1 Metropolis Algorithm for Monte Carlo

1.1.2 Simplex Method for Linear Programming

1.1.3 Krylov Subspace Iteration Methods

1.1.4 The Decompositional Approach to Matrix Computations

1.1.5 The Fortran Optimizing Compiler

1.1.6 QR Algorithm for Computing Eigenvalues

1.1.7 Quicksort Algorithm for Sorting

1.1.8 Fast Fourier Transform

1.1.9 Integer Relation Detection

1.1.10 Fast Multipole Method

1.2 Graham Scan

1.3 MD5

1.4 RSA

1.5 Advanced Encryption Standard; Rijndael

1.6 Huffman Coding

1.7 LZ77

1.8 DEFLATE

1.9 Discrete Cosine Transform

2 Math

2.1 Matrix Decompositions

2.2 Linear Programming

2.3 Regression

2.4 Probability

2.5 Lambda Calculus

2.6 Miscellanea

3 Engineering

3.1 AC Power

4 Baseball

5 Glossary