

Current Reading:

* Computer Science:

** Algorithms/Complexity (Parallel):

From the beginning to page 203 (monitors) in
Pages: 291 (distributed programming) - 320 (CSP)
Pages: 340 (case study: MPI) - 344 (case study: java)
Pages: 533 (Scientific Computing) - 574 (middle of the page)
Foundations of Multithreaded, Parallel, and Distributed Programming
by Gregory R. Andrews.
ISBN = 0-201-35752-6
Excluding: Problems and exercises.

From the beginning to page 74 (creating and destroying) in
Programming with POSIX Threads
by David R. Butenhof.
Butenhof, David R., 1956-
call number:QA76.76 .T55 B88 1997 copy:2

From the beginning to page 309 (summary)
Pages: 315 - 320 (parallel bitonic sort)
Pages: 339 - 363 (summary of MPI commands)
PARALLEL PROGRAMMING with MPI
by Peter S. Pacheco.
ISBN = 1-55860-339-5
Including: Attempts at MANY problems and exercises.
404 pp

From the beginning to page 3 in
The Design and Analysis of Parallel Algorithms
by Justin R. Smith.
ISBN = 0-19-507881-0
480 pp

From the beginning to page 28 (interconnection networks) in
Parallel Programming in C with MPI and OpenMP
by Michael J. Quinn.
ISBN = 0-07-282256-2
Excluding: All problems
526 pp

Pages: 299 - 321 (Termination detection)
SECOND READING in
1) Introduction to Parallel Computing: Design and Analysis of Algorithms
by Vipin Kumar, Ananth Grama, Anshul Gupta, and George Karypis.
ISBN = 0-8053-3170-0

** General Programming:

From the beginning to page 142 in
Pages: 379-386
Refactoring: Improving the Design of Existing Codes
by Martin Fowler.
ISBN = 0-201-48567-2
pp 425

** Languages/Software:

*** C:

From the beginning 356 to page in
Pages 461-468 (stopped at calculating time differences)

Pages 648-end
Teach Yourself C Programming in 21 days.
by Peter Aitken & Bradley L. Jones.
ISBN = 0-672-30736-7
pp 730

*** Expect:

From the beginning to page 24 in
Exploring Expect: A Tcl-based Toolkit for Automating Interactive Programs
by Don Libes.
ISBN = 1-56592-090-2
Notes: SECOND READING

*** LaTeX:

From the beginning to page 22 in
LaTeX: A Document Preparation System
by Leslie Lamport.
ISBN = 0-201-15790-X

*** Microsoft Programs:

From the beginning to page 37 in
Mastering Excel 2003 Programming With VBA
by Steven M. Hansen.
ISBN = 0-7821-4281-8

From the beginning to page 80 (be tab smart) in
Access Hacks: Tips & Tools for Wrangling Your Data
by Ken Bluttman
ISBN = 0-596-00924-0

*** PHP/MySQL:

From the beginning to Chapter 3 (not including Output)
Beginning PHP 5 and PostgreSQL 8: From Novice to Professional
by W. Jason Gilmore and Robert H. Treat.
ISBN = 1-59059-547-5

from the beginning to 2.1.2 (installing php)
Learning PHP and MySQL
by Michele Davis and Jon Phillips.
ISBN = 0-596-10110-4

*** Visual Basic:

From the beginning to page 11 (developing an application in visual basic) in
Pages 800 (local-aware SQL queries based on dates) - Pages 801 (issues specific to the
double-byte character set)
Microsoft Visual Basic 6.0: Programmers Guide
Microsoft Press

** Operating Systems:

*** Unix:

From the beginning to page 160 in
THE DESIGN OF THE UNIX OPERATING SYSTEM
by Maurice J. Bach.
ISBN = 0-13-201799-7
Excluding: Problems and exercises.
pp 450

*** Windows:

From the begining to page 54 (top of the page)
Windows Administration at the Command Line:
for Windows 2003, Windows XP, and Windows 2000
by John Paul Mueller.
ISBN-13 = 978-0-4700-1000-6

** Protocols:

*** TCP/IP:

Pages 1-197 in (stopped at ICMP Error Messages)
From the beginning to "~Table 5.2" in
Internet Core Protocols: The Definitive Reference
by Eric A. Hall.
ISBN = 1565925726
pp 469

** Software Engineering:

From the beginning to page 1 in
How to solve it: a new aspect of mathematical method
by G. Polya.
call number:QA11 .P6 2004 copy:3
0-691-11966-X
246 pp

* Engineering:

** Bayesian/Belief Networks:

From the beginning to page 53 (Poisson model parameterization in terms of rate)
Pages: 259 - 261 (importance of including substantively relevant)
Bayesian Data Analysis: Second Edition
by Andrew Gelman, John B. Carlin, Hal S. Stern. and Donald B. Rubin.
ISBN = 1-58488-388-X
Excluding: Problems and Exercises.

From the beginning to page 14 (stopped at Theorm 1.5)
Pages: 29-60 (stopped at exact inference in multiply connected ...)
Pages: 263-274 (stopped at validation methods)
Pages: 323-end
Bayesian Artificial Intelligence
By Kevin B. Korb and Ann E. Nicholson.
ISBN = 1-58488-387-1
Including: Attempts at ALL problems and exercises.
call number:QA279.5 .K67 2004 copy:4

From the beginning to page 44 in
Done all problems BUT 2.8 and 2.9 ONLY
An Introduction to Bayesian Networks
Finn V. Jensen.
ISBN = 0-387-91502-8
Including: Attempts at ALL problems and exercises.
pp 178
Notes: UCL Press. 1996. Out of print. Superceded by his 2001 book.

From the beginning to page 34 (Combining Predictive and Diagnostic Supports) in
Pages: 143-145 (to example 1)
PROBABILISTIC REASONING IN INTELLIGENT SYSTEMS: Networks of Plausible Inference
by Judea Pearl.
ISBN = 0-934613-73-7
Q335 .P383 1988

pp 500

From the beginning to page 16 in
Pages: 47-52 (stopped at decision variables)
Pages: 102-114 (Stopped at encoding continuous distributions)
Uncertainty : A Guide to Dealing with Uncertainty in Quantitative Risk and Policy Analysis
by Millett Granger Morgan and Max Henrion.
ISBN = 0-521-36542-2
call number:HB615 .M665 1990

** Estimation Theory:

From the beginning to page 7 in
Applied Optimal Estimation
Edited by: Arthur Gelb.
ISBN = 0 262 70008-5
Including: Attempts at ALL problems and exercises.
pp 364

** Image Processing:

From the beginning to page 249 (stopped at Rank Operations ...)
Pages: 347 (stopped at thresholding)
Pages: 495 (from Alignment) - 500 (stopped at counting features)
The IMAGE PROCESSING Handbook: Second Edition
by John C. Russ.
ISBN = 0-8493-2516-1

** Misc:

*** FAQs:

From the beginning to Question: 3.5 in
Notes on the Troubleshooting and Repair of Compact Disc Players and CDROM Drives

** Pattern Recognition:

From the beginning to page 128 (to section 3.10 hidden markov models)
Pages: 161 (chapter 4) - 174 (nearest neighbor estimation)
Pages: 215 (linear discriminant functions) - 242 (Relation to Fisher's Linear Discriminant)
Pages: 259 - 265 (Multicategory Generalizations)
Pages: 394 - 418 (edit distance)
Pages: 453 - 458 (Ugly duckling theorem)
Pages: 465 (bias and variance) - 482 (arcing, learning with queries, ...)
Pages: 517-521
Pages: 601-end
Pattern Classification: Second Edition
by Richard O. Duda, Peter E. Hart, and David G. Stork.
ISBN = 0-471-05669-3
Including: Attempts at ALL problems and examples.
pp 650

From the beginning to page 32 (top of the page) in
Pages: 436-453 (top of the page)
Artificial Intelligence: A Modern Approach
by Stuart Russell and Peter Norvig.
ISBN = 0-13-103805-2
Notes: Popular undergraduate textbook that includes a readable chapter on directed graphical models.
pp 926

** Radar:

From the beginning to page 112 and
Pages: 403-410 (stopped at section 7.3)
Pages: 727-736 (stopped at Dynamic Range)
Introduction to Radar Systems: Third Edition
by Merrill I. Skolnik.
Including: Attempts at ALL problems from Chapters 1.
ISBN = 0-07-290980-3
pp 742

** Signals and Systems:

From the beginning to page 12 (stopped at transformations of the independent variable)
in
Pages: 573-587 (stopped at beginning of section 9.3)
Pages: 604-614 (Section 9.7)
Pages: 629-638
SIGNALS and SYSTEMS
by Alan V. Oppenheim, Alan S. Willsky, and Ian T. Young.
ISBN = 0-13-809731-3
Including: Attempts at SOME problems and exercises.
782 pp

* Mathematics:

** Analysis:

A Course of MODERN ANALYSIS
by E. T. Whittaker & G. N. Watson.
Including: Attempts at ALL problems and exercises.
pp 600

** Combinatorics:

From the beginning to page 1 in
Pages: 275-281 stopped at example 3
Applied Combinatorics
by Alan Tucker.
ISBN = 0-471-04766-X
Including: Attempts at ALL problems and exercises.
384 pp

** Graph Theory:

From the beginning to page 64 in
Graphs and Networks: AN INTRODUCTION
by W. L. Price, Ph.D.
ISBN = 0-8876-128-2
Including: Attempts at ALL problems and exercises.
pp 102

** Numerics:

From the beginning to page 184 (stoped at chebyshev approximation) in
Pages: 246 (spherical harmonics) -- 248 (Fresnel integrals)
Pages: 387 - 448 (The chapter on minimization/maximization of functions)
Pages: 701 - 740 (multistep, multivalued, and predictor-corrector methods)
Numerical Recipes in Fortran 77
The Art of Scientific Computing: Second Edition
by William H. Press, Saul A. Teukolsky,
William T. Vetterling, and Brian P. Flannery
ISBN = 0 521 43064 X

From the beginning to page 368 in

Pages 505-end
NUMERICAL COMPUTATION of INTERNAL and EXTERNAL FLOWS: Volume 1
Fundamentals of Numerical Discretization
by Charles Hirsch.
ISBN = 0-471-92385-0
Including: Attempts at ALL problems and examples.
pp 500

From the beginning to page 4 in
NUMERICAL COMPUTATION of INTERNAL and EXTERNAL FLOWS: Volume 2
Computational Methods for Inviscid and Viscous Flows
by Charles Hirsch.
ISBN = 0-471-92452-0
Including: Attempts at ALL problems and examples.
pp 680

From the beginning to page 199 in
Numerical Analysis: FIFTH EDITION
by Richard L. Burden and J. Douglas Faires.
ISBN = 0-534-93219-3
Including: Attempts at MANY problems and examples.
pp 760

From the beginning to page 9 (graph optimization problems) in
Computational Mathematics Driven by Industrial Problems:
Lectures by: R. Burkard, P. Deufhard, A. Jameson, J-L. Lions, and G. Strang.
ISBN = 3-540-67782-8

From the beginning to page 256 (Froude number)
SECOND READING!!!
Finite Volume Methods for Hyperbolic Problems
by Randall J. LeVeque.
ISBN = 0 521 00924 3
Including: Attempts at ALL problems and exercises.
(*Not finished exercises in chapters 13-end*)

** Numbers:

From the beginning to page 11 (to not numbered *10*) in
Fibonacci Numbers
By Nicolai Vorobiev.
ISBN = 3-7643-6135-2

** Optimization:

From the beginning to page 78 (stopped at chapter 4) in
OPTIMIZATION BY VECTOR SPACE METHODS
by David G. Luenberger.
Including: Attempts at ALL problems and exercises.
pp 325

** Topology:

From the beginning to page 32 in
A COMBINATORIAL INTRODUCTION TO TOPOLOGY
by Michael Henle.
ISBN = 0-486-67966-7
Including: Attempts at ALL problems and exercises.
pp 300

** Partial Differential Equations:

From the beginning to page 9 in
Pages: 60 (2.5) -- 64 (2.5.2)

Pages: 127-153 (all problems worked)
Chapter 5 (skipping Section 5.5 Appendix and few problems done).
Elementary Applied Partial Differential Equations with Fourier Series and Boundary Value Problems
by Richard Haberman.
ISBN = 0-13-252833-9
Including: Attempts at ALL problems and examples.
pp 511

Pages: 266-290 (Stopped at Rayleigh Quotient)
337-349 (few problems worked) (Stopped before next section)
525-530 (few problems worked) (Stopped before next section)
Elementary Applied Partial Differential Equations with Fourier Series and Boundary Value Problems: Third Edition
by Richard Haberman.
ISBN = 0-13-263807-X
pp 705

From the beginning to page 10 in
Techniques in Partial Differential Equations
by Clive R. Chester.
Including: Attempts at ALL problems and examples.
pp 418

From the beginning to page 47 in
Nonlinear Partial Differential Equations for Scientists and Engineers
by Lokenath Debnath.
ISBN = 0-8176-3902-0
Including: Attempts at ALL problems and examples.

From the beginning to page 12 and Appendix A in
Partial Differential Equations
by Lawrence C. Evans.
ISBN = 0-8218-0772-2
Including: Attempts at ALL problems and examples.
pp 650

*** Hyperbolic Systems:

From the beginning to page 1 in
Compressible Fluid Flow and Systems of Conservation Laws in Several Space Variables
by Andrew Majda.
ISBN = 0-387-96037-6
pp 158

*** Nonlinear Waves:

From the beginning to page 1 in
NONLINEAR WAVES
by Tosiya Taniuti and Katsunobu Nishihara.
ISBN = 0-273-08466-6
pp 250

*** Numerics:

From the beginning to page 9 in
Numerical Methods in Fluid Dynamics:
Second revised edition
by Maurice Holt.
ISBN = 3-540-12799-2
254 pp
Note: No exercises, looks like a very good book on the method
of characteristics applied in a variety of settings.

From the beginning to page 16 in
Pages 293-299 (Steady Convection-Diffusion Equation)
Computational Techniques for Fluid Dynamics: Volume I
Fundamental and General Techniques.
by Clive A. J. Fletcher.
ISBN = 3-540-18151-2
ISBN = 0-387-18151-2
Excluding: Problems and Exercises.
/* Including: Attempts at ALL problems and exercises.
No problems have been done yet ... but I would like to. */
pp 408

Pages: 679-684 (stopped at the middle of the page)
Computational Fluid Mechanics and Heat Transfer: Second Edition
By John C. Tannehill, Dale A. Anderson and Richard H. Fletcher.
ISBN = 1-5603204-6-X
776 pp

* Physics:

** Adaptive Optics:

From the beginning to page 1 in
Wave Propagation in a Turbulent Medium
by V. I. Tatarski.
pp 282

From the beginning to page 6 in
Principles of Adaptive Optics: Second Edition
by Robert K. Tyson.
ISBN = 0-12-705902-4
pp 342

** Fluids:

From the beginning to page 52 in
Elementary Fluid Dynamics
by D. J. Acheson.
Including: Attempts at ALL problems and exercises.
ISBN = 0-19-859679-0
pp 375

** Gas Dynamics:

From the beginning to page 252 (special flows obtained by the hodograph method)
SUPERSONIC FLOW AND SHOCK WAVES
by R. Courant and K. O. Friedrichs.
Including: Attempts at ALL equation derivations.
pp 415

From the beginning to page 3 in
VOLUME III: HIGH SPEED AERODYNAMICS AND JET PROPULSION FUNDAMENTALS OF GAS DYNAMICS
Edited by: Howard W. Emmons.
pp 718.

** Statistical:

From the beginning to page 7 (top) in
Pages: 210 (appendix over lagrangian relaxation)
FUNDAMENTALS OF STATISTICAL AND THERMAL PHYSICS
by F. Rief.
ISBN = 07-051800-9
pp 634

* XMisc:

** Home Repair:

From the beginning to page 24 in
BUILDING TRADITIONAL KITCHEN CABINETS
by Jim Tolpin.
ISBN = 1-56158-058-9
pp 189

** Literature:

From the beginning to page 76 (top) in
Pages: 189-198
Pages: 1232-1235
HERITAGE OF AMERICAN LITERATURE, Volume II
by James E. Miller Jr.
ISBN = 0-15-535698-4

** Martial Arts:

From the beginning to page 11 in
NUNCHAKU: KARATE WEAPON OF SELF-DEFENSE
by Fumio Demura.
ISBN = 0-89750-006-7
pp 140