

CIVIL ENGINEERING TEXTBOOKS (undergraduate and graduate at PSU)

ACI	DESIGN HANDBOOK VOL 1 2nd ed. Publication SP-17(73)	
ACI	MANUAL OF STANDARD PRACTICE FOR DETAILING ACI 315-74	
ACI	BUILDING CODE REQUIREMENTS FOR RC ACI 318-71	
ACI	1975 SUPPLEMENT TO ACI 318-71 AND COMMENTARY	
PCA	DESIGN AND CONTROL OF CONCRETE MIXTURES	
PCA	HANDBOOK OF FRAME CONSTANTS 1958	
AITC	TIMBER CONSTRUCTION MANUAL 2nd ed 1974	\$16.50
AISC	MANUAL OF STEEL CONSTRUCTION 7th ed 1973	\$18.00
ICBO	UNIFORM BUILDING CODE 1973	
NFPA	NATIONAL ELECTRICAL CODE 1971	
IAPMO	UNIFORM PLUMBING CODE 1976	\$11.25
STRUCTURAL ENGINEERS ASSC. OF OR.	SNOW LOAD ANALYSIS FOR OREGON 2/1978	
Dept. Commerce	OREGON REAL ESTATE MANUAL	
McCormac, Jack C.	Structural Steel Design 2nd ed 1971	\$22.50
Beedle, Lynn S.	Plastic Design of Steel Frames 1958	\$29.95
Hamming, R.W.	Numerical Methods for Scientists and Engineers 2nd used	\$13.85
Streeter, Victor L. etal	Fluid Mechanics 6th ed	\$22.50
Burden, Richard L. etal	Numerical Analysis 1978	\$28.??
Huang, Francis F.	Engineering Thermodynamics 1976	\$17.95
Lin, T.Y.	Design of Prestressed Concrete Structures 2nd 1963	\$23.95
Ferguson, Phil M.	Reinforced Concrete Fundamentals 3d ed 1973	\$26.95
Thomas, George B. Jr.	Calculus and Analytic Geometry 3d ed 1961	
Fox, L.	An Intro to Numerical Linear Algebra 1965	\$10.00
Boyce & DiPrima	Elementary Differential Equ. & Boundary Value Prob. 2nd 1969	
Steinberg, David I.	Computational Matrix Algebra 1974	
Bois, G. Petit	Tables of Indefinite Integrals	\$ 7.00
Amrhein, J.E.	Reinforced Masonry Engineering Handbook 2nd ed	\$20.75
Winterkorn & Fang (eds)	Foundation Engineering Handbook 1975	\$37.50
Mitchell, James K.	Fundamentals of Soil Behavior 1976	\$27.95
Hoyle, Robert J. Jr.	Wood Technology in the Design of Structures 3d '73	\$10.00
Boresi, Sidebottom, Seely & Smith	Advanced Mechanics of Materials 3d'78	\$23.95
Resnick & Halliday	Physics for Students of Science and Engineering 1962	
Wang, Chu-Kia	Matrix Methods of Structural Analysis 2nd 1970	\$20.59
Chajes, Alexander	Principles of Structural Stability Theory 1974	\$21.95
Przemieniecki, J.S.	Theory of Matrix structural Analysis 1968	\$24.00
Biggs, John M.	Introduction to Structural Dynamics 1964	\$28.85
Otto, Frei	Tensile Structures Vol 1 Pneumatic Structures 1967	\$22.50
Otto, Frei	Tensile Structures Vol 2 Cables, Nets, & Membranes 1969	\$?
Norris, Wilbur, & Utku	Elementary Structural Analysis 3d ed 1976	\$23.50
Holman, J.P.	Heat Transfer 1963	
Beightler, Phillips,& Wilde	Foundations of Optimization 2nd 1979	\$26.20
Craftman	THE OXY-ACETYLENE WELDERS HANDBOOK 6th ed	

COMPUTER SCIENCE TEXTBOOKS:

Liu, Yu-cheng & Gibson	Microcomputer Systems: The 8086/8088 Family 1984	\$32.95
Palmer & Morse	The 8087 Primer 1984	\$16.95
Tanenbaum, Andrew S.	Computer Networks 2nd ed 1988	
Date, C.J.	An Intro to Database Systems 3d ed 1982	\$26.95
Bach, Maurice J.	The Design of the Unix Operating System 1986	

Foley & Van Dam	Fundamentals of Interactive Computer Graphics 1983	\$26.95
Sproull & Newman	Principles of Interactive Computer Graphics 2nd'79	\$27.70
Deitel,Harvey M.	An Introduction to Operating Systems rev. 1984	\$34.95
Aho & Ullman	Principles of Compiler Design 1979	\$28.95
Aho,Hopcroft & Ullman	Data Structures and Algorithms rev 1985	\$?
Anderson, Decima M.	Computer Programming Fortran IV 1966	
Miklosko & Kotov (eds)	Algorithms, Software and Hardware of Parallel Computers 1984	\$32.00
Comer, Douglas	Operating System Design: the XINU Approach 1984	\$34.95
Meyer, Bertrand	Object-Oriented Software Construction 1988	
Stout & Kaufman	Handbook of Microcircuit Design & Application'80	\$32.50
Miller, Gary M.	Modern Electronic Communication 2nd ed 1983	\$26.95
Hahn Harley	Assembler Inside and Out 1992	\$27.95
Schulman, Michels,Kyle,Paterson,Maxey,& Brown	Undocumented Dos 1990	\$39.95

Brown earned a PhD from Carnegie Mellon for his research. My research discovered this information earlier and only supplied it to companies trying to build a network layer on top of Msdos as I did first in 1985 for NEC Information Systems.

COMPUTER MANUALS:

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NECIS,Inc. (819-180248-000 Rev.00 8-89) Powermate SX Plus System Reference Guide
NECIS,Inc. (? includes diagnostic disk) Powermate SX Plus Service Manual
NECIS,Inc. MSDOS USER'S GUIDE (3.30)
NECIS,Inc. GW-BASIC USER'S GUIDE
NECIS,Inc. NECAPC System Hardware Reference Manual
NECIS,Inc. NECAPC Programmer's Reference Manual (Dos 2.11)
NECIS,Inc. NECAPC III Macro Assembler Refernce Manual
NECIS,Inc. NECAPC III Programmer's Reference Manual (Dos 2.11)
NECIS,Inc. NECAPC Macro Assembler Refernce Manual
NECIS,Inc. GSX-86: GRAPHIS FOR THE APC
NECIS,Inc. GSX-86 GRAPHICS EXTENTION USER'S GUIDE FOR MS-DOS
NECIS,Inc. GRAPHIC SUBSYSTEM REFERENCE GUIDE 1983
Control Systems, Inc. Artist (7220 GDC) Owner's Instruction Manual 10/9/1984
Autodesk, Inc.AutoCAD Release 11 Reference Manual 8/7/1990
Microstuf CROSSTALK ver 3.41 for TI Prof Manual (SN 54322) 1981
Lotus Lotus 123 ver 1A manual and original disks
Microsoft FORTRAN COMPILER ver 3.20 reference manual 1983
Microsoft QuickBasic Complier Reference Manual ver. 4.50 SN 6F9UK 7
Microsoft WINDOWS 386 USER GUIDE ver 2.1
Microsoft 4 manuals MASM 6.1
Microsoft 5 manuals Quick C with Assembler 2.51
TI OPERATING INSTRUCTIONS
TI Technical Reference Manual Jan 21, 1983
TEKTRONIX 4006-1 COMPUTER DISPLAY TERMINAL USER'S INSTRUCTION MANUAL
Bathe, Wilson, & Peterson SAP IV A Stuctural Analysis Program for Static and Dynamic Response of Linear Systems (EERC 73-11 June 1973 Revise April 1974) For sale by the National Technical Informa-tion Service, National Bureau of Standards, U.S. Department of Commerce, Springfield Virginia 22151.
General Electric Re-entry and environmental Systems Division Fortran source code for SAP V adapted for Honeywell 66/40 (I installed at PSU)
AFGHAN, HAMID REZA A Numerical Solution of 3 Dimensional Beam Columns in the

Elastic Region 1980 (I extended this thesis to the post buckling range)
Me Unassembled .ASM sources for MS-DOS 2.11,3.1,3.3,4.01,5.00,6.00
TI TI-55 II Scientific Calculator Sourcebook
MOSTEK Microcomputer Data Book 1979
LOTUS/INTEL/MICROSOFT EXPANDED MEMORY SPECIFICATION 4.0 1987
INTEL EMS TOOLKIT FOR C DEVELOPERS 1989
INTEL Peripheral Components 1991
INTEL Embedded Applications 1991
INTEL 8-bit Embedded Controllers 1991
INTEL Microcomputer Products 1991
INTEL Memory Components Handbook Supplement June 1984
INTEL iAPX 86/88,186/188 User's Manual Programmer's Reference 1985
INTEL iAPX 286 Programmer's Reference Manual (including 287) 1984
INTEL 386 Microprocessor Hardware Reference Manual 1988
INTEL 80386 Programmer's Reference Manual 1986
INTEL 80386 Sytem Software Writer's Guide 1987
INTEL 80387 Programmer's Reference Manual 1987
INTEL i486 Microprocessor Programmer's Reference Manual 1990

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BOOKCOMP.TXT resuming October 20, 2003
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Microsoft Press Microsoft Windows 95 Resource Kit, 1995
Microsoft Press Windows 98 Resource Kit, 1998 (have online now)
Neveln, Bob Linux Assembly Language Programming, 2000
Torvalds, Linus Just For Fun, 2001 (creator of Linux)
Carling, M. and Stephen Degler and Jim Dennis, Linux System Administration, 2000
Lombardo, John Embedded Linux, 2002
Yaghmour, Karim Building Embedded Linux Systems, 2003
Bradford, Ed and Lou Mauget Linux and Windows Interoperability Guide, 2002
Gagne, Marcel Linux System Administration, A User's Guide, 2002
Maxwell, Scott Linux Core Kernel Commentary, 1999 (skimmed pp 419-568, p 1-419 is a selective source listing).
McCarty, Bill Learning Debian GNU/Linux, 1999 (pp 1-220)
Puryear, Dustin Integrating Linux Solutions Into Your Windows Network, 2000
Barr, Moshe Linux Core Kernel Commentary, 2000 (useless, lists System functions, but not their parameters!).
McCarty, Bill and Luke Cassidy-Dorion, Java Distributed Objects, 1999 (uneven, skimmed much of it after good early sections).
Anderson, Don Universal Serial Bus System Architecture, 1997 (skimmed only)
McCarty, Bill and Stephen D. Gilbert Visual C++ 6 Programming Blue Book, 1999 (skimmed beginning only)
Lin, Norman Linux 3D Graphics Programming, 2001 (first 196 pages only)
Lin, Norman Advanced Linux 3D Graphics Programming, 2001 (didn't have time to read).
Shanley, Tom Pentium Pro and Pentium II System Architecture 2nd Edition, 1997,1998
Shanley, Tom Plug and Play System Architecture, 1995
Shanley, Tom and Dave Dzatko AGP System Architecture 2nd edition, 2000 (see INTEL's 82443EX.PDF data sheet for same info).
Stroustrup, Bjarne and Margaret A. Ellis The Annotated C++ Reference manual, 1990, 1991
Deitel, Harvey M. C++ How to Program 4th edition 2003 (have online now)

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Rubini, Alessandro & Jonathan Corbet Linux Device Drivers, 2nd ed. 1998, 2001 (see
downloaded pdf GNU file).
Duntemann, Jeff Assembly Language Step-by-step, Programming With DOS and Linux, 2nd
ed. 2000 (read Linux section, downloaded some files from author's web page).
Dalheimer, Matthias Kalle Programming with QT, 2nd ed. 1999, 2002 (read some, saved text of
book from CD).
Eckel, Bruce Thinking in C++, 2nd ed. 2000
Born, Gunter Inside the Microsoft Windows 98 Registry, 1998

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The HP-GL/2 and HPRTL Reference Guide, 3d ed. 1997
The PCL5 Printer Language Technical Reference Manual, HP #5961-0509
The PCL Companion Guide, HP # 5961-0602 (which instructions supported on which printer
models)
The Product Comparison Guide for HP Languages on HP Plotters and Large Format
Printers, HP #5959-9734
The PJI Technical Reference Manual, HP #5010-3999

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Petzold, Charles Programming Windows, 5th ed. 1999
Ferguson, Niels and Bruce Schneier Practical Cryptography, 2003
Viega, John and Matt Messier and Pravir Chandra Network Security with Open SSL, 2002 (only
skimmed)
Schroeder, M.R. Number Theory In Science and Communication, 3d ed. 1997
Shanley, Tom and Don Anderson PCI System Architecture (rev. 2.0 compliant) 2nd ed. 1993 324
pages, MindShare Press (1st was 430 pp)
Solari, Edward and George Willse PCI Hardware and Software Architecture and Design, 4th
ed. 1998, AnnaBooks.com (have scanned)
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