

A
Selected List of Resources

on

MATLAB

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Resource Centre

Books available in Resource Centre

Sr. No.	Titles
1.	Blanchet, Gerard Digital signal and image processing using MATLAB New Delhi. ISTE, 2007 621.3822 BLA 015316
2.	Brockman, Jay B. Introduction to engineering : modeling and problem solving New York. John Wiley & Sons, 2009 620.0011 BRO 021803
3.	Chapman, Stephen J. MATLAB Programming for Engineers. (2nd.) Australia. Thomson Learning , 2002 519.4 CHA 004402
4.	Childers, Donald G. Probability and random processes : using MATLAB with applications to continuous and discrete time systems Chicago. Irwin, 1997 519.2 CHI 006146
5.	Cooper, Jeffery Matlab companion for multivariable calculus San Diego. Harcourt Academic Press, 2001 515.0285 COO 006683
6.	Davis, Jon H. Methods of applied mathematics with a MATLAB overview Boston. Birkhauser, 2004 510 DAV 017409
7.	Davis, Paul W. Differential Equations New Jersey . Prentice Hall , 1999 515.35 DAV 003781
8.	Demirkaya, Omer, Asyali, Musa Hakan & Sahoo, Prasanna K. Image processing with MATLAB : applications in medicine and biology Boca Raton. CRC Press, 2009

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9.	Dorf, Richard C. & Bishop, Robert H. Modern control systems, 11 th ed. Delhi. Pearson Education, 2008 629.83 DOR 023879- 81
10.	Dorf, Richard C. & Bishop, Robert H. Modern control systems, 8 th ed.. (Eighth Edition) Delhi. Addison-Wesley, 1999 629.83 DOR 000152
11.	Driscoll, Tobin A. Learning MATLAB Philadelphia. Society for Industrial and Applied Mathematics, 2009 620.00151 DRI 023661
12.	Elali, Taan S., Karim, Mohammad A. & Younis, Khaled Continuous signals and systems with MATLAB, 2 nd ed. Boca Raton. CRC Press, 2008 621.3822 ELA 020595
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15.	Elsherbeni, Atef Z. & Demir, Veysel Finite difference time domain method for electromagnetics : with MATLAB simulations Raleigh. SciTech Publishing, 2009 621.3824 ELS 023055
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17.	Fausett, Laurene V. Applied Numerical Analysis Using Matlab New Jersey. Prentice Hall, 1999 515 FAU 003051
18.	Ferris, Michael C., Mangasarian, Olvi L. & Wright, Stephen J. Linear programming with MATLAB Philadelphia. Society for Industrial Mathematics, 2008 519.72 FER 020340
19.	Fitz, Michael Fundamentals of communications systems New Delhi. Tata McGraw-Hill, 2008 621.382 FIT 018665
20.	Gander, Walter & Hrebicek, Jiri Solving problems in scientific computing using Maple and MATLAB, 4 th ed. Berlin. Springer-Verlag, 2004 530.028553 GAN 010212
21.	Golubitsky, Martin Linear Algebra and Differential Equations Using MATLAB London. Brooks/Cole, 1998 512.5 GOL 002961
22.	Gonzalez, Rafael C., Woods, Richard E. & Eddins, Steven L. Digital image processing using MATLAB Delhi. Pearson Education, 2004 621.367 GON 010410
23.	Gopi, E.S. Algorithm collections for digital signal processing applications using Matlab. Dordrecht. Springer, 2007 621.38220151 GOP 019823
24.	Hanselman, Duane & Littlefield, Bruce Mastering MATLAB 7 New Jersey. Pearson Education, 2005 519.4028553042 HAN 012622, 013702

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27.	Harman, Thomas L., Dabney, James B. & Richert, Norman J. Advanced engineering mathematics with MATLAB, 2 nd ed. Australia. Thomson Learning, 2000 515.14 HAR 005041
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32.	Hunt, Brian R. Guide to MATLAB: For Beginners and Experienced Users New York. Cambridge University Press, 2001 519.4 HUN 003493
33.	Ingle, Vinay K. & Proakis, John G.

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36.	Kaplan, Daniel T. Introduction to scientific computation and programming Australia. Thomson Brooks/Cole, 2007 005.1 KAP 016571
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39.	Klee, Harold Simulation of dynamic systems with MATLAB and SIMULINK Boca Raton. CRC Press/Taylor & Francis, 2007 003.3 KLE 015969
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45.	Lindfield, George & Penny, John Numerical methods using Matlab New Jersey. Prentice Hall, 1999 519.4 LIN 002138
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112.	Tewari, Ashish Modern control design with MATLAB and SIMULINK Chichester. John Wiley & Sons, 2006 629.89 TEW 016288
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114.	Wang, Liuping Model predictive control system design and implementation using MATLAB. London. Springer, 2009 629.8 WAN 022538
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116.	Yang, Won Y. & Lee, Seung C. Circuit systems with MATLAB and PSpice Chichester. John Wiley & Sons, 2007 621.3815 YAN

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E Book	
118.	An Introduction to Matlab Version 2.3 (MatLab Notes) http://www.maths.dundee.ac.uk/~ftp/na-reports/MatlabNotes.pdf

CDs available in the Resource Centre

Sr. No.	Titles
1	Elnashaie, Said, Uhlig, Frank & Affane, Chadia Numerical techniques for chemical and biological engineers using MATLAB : a simple bifurcation approach NewYork. Springer, 2007 660.01518 ELN C01313
2	Elsherbeni, Atef Z. & Demir, Veysel Finite difference time domain method for electromagnetics : with MATLAB simulations Raleigh. SciTech Publishing, 2009 621.3824 ELS C01817
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4	Kronenburger, John & Sebeson, John: Analog and digital signal processing : an integrated computational approach with MATLAB Clifton Park. Thomson Delmar Learning, 2007 621.3822 KRO C01472
5	Klima, Richard E., Sigmon, Neil & Stitzinger, Ernest Applications of abstract algebra with maple and MATLAB, 2 nd ed. Boca Raton. CRC Press, 2007

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6	Li, Jichun & Chen, Yi-Tung Computational partial differential equations using MATLAB Boca Raton. CRC Press, 2009 518.64 LIJ C01643
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10	Sa, J. P. Marques de Applied statistics : using SPSS, STATISTICA, and MATLAB and R, Berlin. Springer-Verlag, 2007 519.50285 SAJ C01332
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Other resources

Sr. No.	Titles
1.	MATLAB Basic http://www.mathworks.com/access/helpdesk/help/techdoc/index.html
2.	MATLAB Central Blogs http://blogs.mathworks.com/
3.	MATLAB_Educational Web Sites http://www.eece.maine.edu/mm/matweb.html
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5.	Mathtools http://www.mathtools.net/MATLAB/
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