

# References

- Ahmed, N., & Natarajan, T. (1983). *Discrete-Time Signals and Systems*. Englewood Cliffs, New Jersey: Prentice Hall.
- Akansu, Ali N., & Haddad, Richard A. (1992). *Multiresolution Signal Decomposition: Transforms, Subbands, and Wavelets*. Boston: Academic Press, Inc.
- Ambardar, A. (1999). *Analog and Digital Signal Processing* (second ed.). Pacific Grove, CA: Brooks/Cole Publishing Company, ITP.
- Alkin, O. (1993). *Digital Signal Processing: A Laboratory Approach Using PC-DSP*. Englewood Cliffs, New Jersey: Prentice Hall.
- Brandenburg, K. (1997). Overview of MPEG Audio: Current and Future Standards for Low-Bit-Rate Audio Coding. *Journal of Audio Engineering Society*, 45(1/2), 4–21.
- Carr, J. J., & Brown, J. M. (2001). *Introduction to Biomedical Equipment Technology* (fourth ed.). Upper Saddle River, New Jersey: Prentice Hall.
- Chassaing, R., & Reay, D. (2008). *Digital Signal Processing and Applications with the TMS320C6713 and TMS320C6416 DSK* (second ed.). Hoboken, New Jersey: John Wiley & Sons.
- Chen, W. (1986). *Passive and Active Filters-Theory and Implementations*. New York: John Wiley & Sons.
- Dahnoun, N. (2000). *Digital Signal Processing Implementation Using the TMS320C6000TM DSP Platform*. Englewood Cliffs, New Jersey: Prentice Hall.
- Deller, J. R., Proakis, J. G., & Hansen, J. H. L. (1993). *Discrete-Time Processing of Speech Signals*. New York: Macmillan Publishing Company.
- El-Sharkawy, M. (1996). *Digital Signal Processing Applications with Motorola's DSP56002 Processor*. Upper Saddle River, New Jersey: Prentice Hall.
- Embrece, P. M. (1995). *C Algorithms for Real-Time DSP*. Upper Saddle River, New Jersey: Prentice Hall.
- Gonzalez, R. C., & Wintz, P. (1987). *Digital Image Processing* (second ed.). Reading, Massachusetts: Addison-Wesley Publishing Company.
- Grover, D., & Deller, J. R. (1998). *Digital Signal Processing and the Microcontroller*. Upper Saddle River, New Jersey: Prentice Hall.
- Haykin, S. (1991). *Adaptive Filter Theory* (second ed.). Englewood Cliffs, New Jersey: Prentice Hall.
- Ifeachor, E. C., & Jervis, B. W. (2002). *Digital Signal Processing: A Practical Approach* (second ed.). Upper Saddle River, New Jersey: Prentice Hall.
- Jiang, J., & Tan, L. (June 2012). *Teaching Adaptive Filters and Applications in Electrical and Computer Engineering Technology Program*. San Antonio, Texas: 2012 Proceedings of the American Society for Engineering Education.
- Kehtaranavaz, N., & Simsek, B. (2000). *C6x-Based Digital Signal Processing*. Upper Saddle River, New Jersey: Prentice Hall.
- Krauss, T. P., Shure, L., & Little, J. N. (1994). *Signal Processing TOOLBOX for Use with MATLAB*. Natick, Massachusetts: The Math Works Inc.
- Kuo, S. M., & Morgan, D. R. (1996). *Active Noise Control Systems: Algorithms and DSP Implementations*. New York: John Wiley & Sons.
- Li, Z. N., & Drew, M. S. (2004). *Fundamentals of Multimedia*. Upper Saddle River, New Jersey: Prentice Hall.
- Lipshitz, S. P., Wannamaker, R. A., & Vanderkooy, J. (May 1992). Quantization and Dither: A Theoretical Survey. *Journal of Audio Engineering Society*, 40(5), 355–375.
- Lynn, P. A., & Fuerst, W. (1999). *Introductory Digital Signal Processing with Computer Applications* (second ed.). Chichester and New York: John Wiley & Sons.

- Mahe, Robert C. (January/February 1992). On the Nature of Granulation Noise in Uniform Quantization Systems. *Journal of Audio Engineering Society*, 40(1/2), 12–20.
- McClellan, J. H., Oppenheim, A. V., Shafer, R. W., Burrus, C. S., Parks, T. W., & Schuessler, H. (1998). *Computer Based Exercises for Signal Processing Using MATLAB 5*. Upper Saddle River, New Jersey: Prentice Hall.
- McClellan, J. H., Shafer, R. W., & Yoder, M. A. (1998). *DSP First – A Multimedia Approach*. Upper Saddle River, New Jersey: Prentice Hall.
- Nelson, M. (1992). *The Data Compression Book*. Redwood City, California: M&T Publishing, Inc.
- Oppenheim, A. V., & Shafer, R. W. (1975). *Discrete-Time Signal Processing*. Englewood Cliffs, New Jersey: Prentice Hall.
- Oppenheim, A. V., Shafer, R. W., & Buck, J. R. (1998). *Discrete-Time Signal Processing* (second ed.). Upper Saddle River, New Jersey: Prentice Hall.
- Pan, David (1995). A Tutorial on MPEG/Audio Compression. *IEEE Multimedia*, 2(2), 60–74.
- Phillips, C. L., & Harbor, R. D. (1991). *Feedback Control Systems* (second ed.). Englewood Cliffs, New Jersey: Prentice Hall.
- Phillips, C. L., & Nagle, H. T. (1995). *Digital Control System Analysis and Design* (third ed.). Englewood Cliffs, New Jersey: Prentice Hall.
- Porat, B. (1997). *A Course in Digital Signal Processing*. New York: John Wiley & Sons.
- Princen, J., & Bradley, A. B. (October 1986). Analysis/Synthesis Filter Bank Design Based on Time Domain Aliasing Cancellation. *IEEE Transactions on Acoustics, Speech, and Signal Processing*, Vol. ASSP 34, No. 5, 1153–1161.
- Proakis, J. G., & Manolakis, D. G. (1996). *Digital Signal Processing: Principles, Algorithms, and Applications* (third ed.). Upper Saddle River, New Jersey: Prentice Hall.
- Rabbani, M., & Jones, P. W. (1991). *Digital Image Compression Techniques*. Bellingham, Washington: The Society of Photo-Optical Instrumentation Engineers (SPIE).
- Rabiner, L. R., & Schafer, R. W. (1978). *Digital Processing of Speech Signals*. Englewood Cliffs, New Jersey: Prentice Hall.
- Randall, R. B. (2011). *Vibration-Based Conditioning Monitoring: Industrial, Aerospace, and Automotive Applications*. Chichester: John Wiley & Sons.
- Roddy, D., & Coolen, J. (1997). *Electronic Communications* (fourth ed.). Englewood Cliffs, New Jersey: Prentice Hall.
- Sayood, K. (2000). *Introduction to Data Compression* (second ed.). San Francisco: Academic Press.
- Smith, M. J. T., & Barnwell, T. P. (1984). A Procedure for Designing Exact Reconstruction Filter Banks for Tree-Structured Sub-band Coders. *San Diego, California: Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing*, 27.1.1–27.1.4.
- Soliman, S. S., & Srinath, M. D. (1998). *Continuous and Discrete Signals and Systems* (second ed.). Upper Saddle River, New Jersey: Prentice Hall.
- Sorensen, H. V., & Chen, J. P. (1997). *A Digital Signal Processing Laboratory Using TMS320C30*. Upper Saddle River, New Jersey: Prentice Hall.
- Stanley, W. D. (2003). *Network Analysis with Applications* (fourth ed.). Upper Saddle River, New Jersey: Prentice Hall.
- Stearns, S. D., & David, R. A. (1996). *Signal Processing Algorithms in MATLAB*. Upper Saddle River, New Jersey: Prentice Hall.
- Stearns, S. D., & Hush, D. R. (1990). *Digital Signal Analysis* (second ed.). Englewood Cliff, New Jersey: Prentice Hall.
- Stearns, S. D. (2003). *Digital Signal Processing with Examples in MATLAB*. Boca Raton, Florida: CRC Press LLC.
- Tan, L., & Jiang, J. (June 2010). *Improving Digital Signal Processing Course with Real-Time Processing Experiences for Electrical and Computer Engineering Technology Students*. Louisville, Kentucky: 2010 Proceedings of the American Society for Engineering Education.

- Tan, L., & Wang, L. (November 2011). Oversampling Technique for Obtaining Higher-Order Derivative of Low-Frequency Signals. *IEEE Transactions on Instrumentation and Measurement*, 60(11), 3677–3684.
- Tan, L., & Jiang, J. (Fall 2008). A Simple DSP Project for Teaching Real-time Signal Rate Conversions. *The Technology Interface Journal*, 9(1).
- Tan, L., & Jiang, J. (2012). Novel Adaptive IIR Notch Filters for Frequency Estimation and Tracking, Chapter 20. *Streamlining Digital Signal Processing: A Tricks of the Trade Guidebook*. Edited by Richard G. Lyons, Hoboken, New Jersey: IEEE Press/Wiley & Sons, 197–205.
- Tomasi, W. (2004). *Electronic Communications Systems: Fundamentals Through Advanced* (fifth ed.). Upper Saddle River, New Jersey: Prentice Hall.
- Texas Instruments. (1991). *TMS320C3x User's Guide*. Dallas, Texas: Texas Instruments.
- Texas Instruments. (1998). *TMS320C6x CPU and Instruction Set Reference Guide, Literature ID# SPRU 189C*. Dallas, Texas: Texas Instruments.
- Texas Instruments. (2001). *Code Composer Studio: Getting Started Guide*. Dallas, Texas: Texas Instruments.
- Vegte, J. (2002). *Fundamentals of Digital Signal Processing*. Upper Saddle River, New Jersey: Prentice Hall.
- Vetterli, M., & Kovacevic, J. (1995). *Wavelets and Subband Coding*. Englewood Cliffs, New Jersey: Prentice Hall PTR.
- Webster, J. G. (1998). *Medical Instrumentation: Application and Design* (third ed.). New York: John Wiley & Sons, Inc.
- Yost, William A. (1997). *Fundamentals of Hearing: An Introduction* (third ed.). San Diego, California: Academic Press.