



## Biosignal and Medical Image Processing (Hardback)

By John L. Semmlow, Benjamin Griffel

Taylor Francis Inc, United States, 2014. Hardback. Book Condition: New. 3rd Revised edition. 257 x 180 mm. Language: English . Brand New Book. Written specifically for biomedical engineers, Biosignal and Medical Image Processing, Third Edition provides a complete set of signal and image processing tools, including diagnostic decision-making tools, and classification methods. Thoroughly revised and updated, it supplies important new material on nonlinear methods for describing and classifying signals, including entropy-based methods and scaling methods. A full set of PowerPoint slides covering the material in each chapter and problem solutions is available to instructors for download. See What's New in the Third Edition: \* Two new chapters on nonlinear methods for describing and classifying signals. \* Additional examples with biological data such as EEG, ECG, respiration and heart rate variability \* Nearly double the number of end-of-chapter problems \* MATLAB(R) incorporated throughout the text \* Data cleaning methods commonly used in such areas as heart rate variability studies The text provides a general understanding of image processing sufficient to allow intelligent application of the concepts, including a description of the underlying mathematical principals when needed. Throughout this textbook, signal and image processing concepts are implemented using the MATLAB(R) software...



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