

Biomedical Signal Analysis By Rangaraj

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Dr. Rangayyan has published over 150 papers in journals and 250 papers in conference proceedings, and has authored two textbooks, Biomedical Signal Analysis (Wiley-IEEE Press 2002/2015) and Biomedical Image Analysis (CRC Press 2005). He has been recognized with the 2013 IEEE Canada Outstanding Engineer Medal, and elected as a Fellow of the IEEE, Canadian Medical and Biological Engineering Society, the American Institute for Medical and Biological Medical Engineering, and other societies.

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ENEL 563 BIOMEDICAL SIGNAL ANALYSIS Rangaraj M. Rangayyan |University Professor| Professor Department of Electrical and Computer Engineering Schulich School of Engineering Adjunct Professor, Departments of Surgery and Radiology University of Calgary Calgary, Alberta, Canada T2N 1N4 Phone: +1 (403) 220-6745 e-mail: ranga@ucalgary.ca

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Biomedical signals are weak signals in an environment that is teeming with many other signals of various origins. [24] c R.M. Rangayyan, IEEE/Wiley, 2nd Ed., 2015 3.

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Biomedical Signal Analysis By Rangaraj
Paperback. Condition: New. The book presents digital signal processing and pattern recognition techniques for analysis of biomedical signals. It begins with an introduction on the nature of biomedical signals, such as the action potential, electrocardiogram, muscle signals, brain signals, heart sounds and speech.

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