

Preface

This book presents research-based practices which are outcomes of my experiments on EMG Technique and Feature Extraction. This piece of work can be utilized for reading, teaching, and research purposes.

Chapter 1—talks about EMG Technique and Feature Extraction. The EMG signal which is electrical indication of the neuromuscular actuation connected with a contracting muscle.

Chapter 2—focuses on methodology used for working with *EMG Dataset*.

Chapter 3—is about results of the EMG signal processing executed in experiments where after data acquisition phase all recorded signals underwent noise filtering as preprocessing phase.

The last chap. 4 records conclusions and inferences of the research work.

EMG Signals Characterization in Three States of
Contraction by Fuzzy Network and Feature Extraction

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