



Amirhossein Rahimidaneh

RESEARCH INTERESTS

◆ Sleep Study

Sleep Stage Detection Using ECG & EEG Signal

Sleep Disorders: Obstructive & Central apnea

◆ EEG Signal Processing

Feature Extraction and Classification

◆ ECG Signal Processing

Heart Rate Variability

ECG-Derived Respiration

◆ Speech processing

CONTACT

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ABOUT ME

I am currently a M.Sc. student in biomedical engineering at biomedical signal processing lab of K. N. Toosi University. My main research is on the classification of Sleep Stage using ECG and EEG signals processing.

EDUCATION

◆ M.Sc. IN BIOMEDICAL ENGINEERING - BIOELECTRIC, K. N. Toosi University of Technology , Tehran, Iran.

Thesis: "Sleep stages classification using ECG and EEG signals processing"

B.Sc. IN ELECTRICAL ENGINEERING - ELECTRONICS, Hamedan University of Technology, *Hamedan, Iran*

Thesis: "Application of Ridgelet and Curvelet Transform in Image processing"