

Personal information

Hamed Sha'baani

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Education & Qualifications

Researcher

Brain Engineering Research Center (IPM)

Education:

BS in Electronic Engineering
Shahid Bahonar Technical College of Shiraz
MS in Biomedical Engineering
Shahed University

Projects:

Design Motion Detection system

Design MATLAB Based Electrocardiogram System (Hardware & Software).

MS Project:

Chaotic Behavior of EEG Signal Analysis, In Order to Detect Drowsiness.

Journal Publications:

Shaabani h, Mikaeili m ,Noori s mr "A Novel EEG-Based Drowsiness Detection Algorithm Using Nonlinear Features". Journal of Biomedical Engineering Letters.

KEY COMPETENCIES AND PERSONAL SKILLS

Research Interests

Biomedical signal processing
Chaos theory
Computational Neuroscience

Software Skills

Matlab Programming
Altium Designer
Pspice
Bascom
Word, Excel, PowerPoint (Office)

Other Skills

Visual cortex neuronal data signal analysis.
Quick and accurate keyboard skills.
Able to work on tasks individually or as part of a team.
Ability to understand problems and then develop imaginative and inventive solutions.
Able to communicate concepts and strategies clearly to colleagues.