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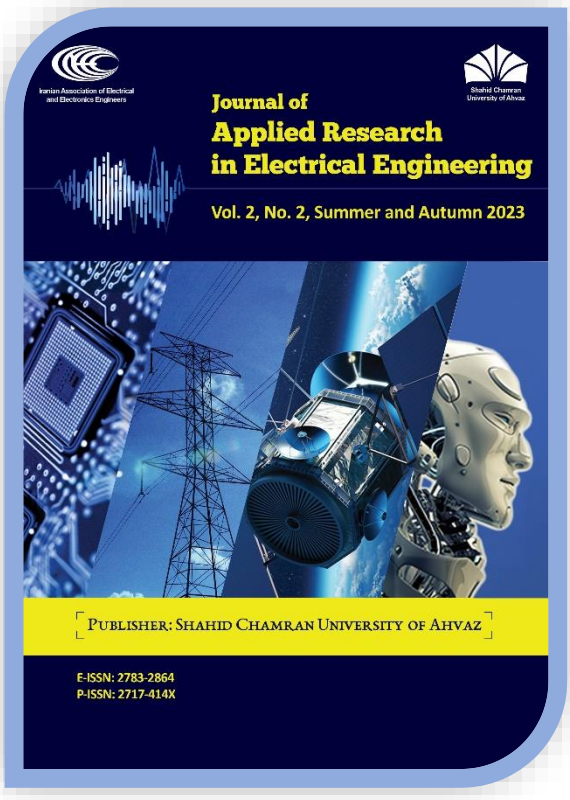
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About Journal

Journal of Applied Research in Electrical Engineering (J. Appl. Res. Electr. Eng.) is a single-blind peer-reviewed, open access and free of charge international journal published by Shahid Chamran University of Ahvaz in cooperation with Iranian Association of Electrical and Electronics Engineers (IAEEE). The JAREE is a medium for global academics to exchange and spread the latest discoveries and advances in their applied research in electrical engineering. The JAREE aims at presenting important results of analytical, computational and experimental works within all specialized fields of electrical engineering (electronics, power, control and telecommunications). It welcomes high quality original research papers from contributors throughout the world. All papers are subject to a peer reviewing procedure. Submission, processing and publication of the papers in JAREE is free of charge.

Types of accepted papers include:

- **Research articles**
- **Review articles**
- **Applied articles**

Research papers are expected to present innovative solutions, novel concepts, or creative ideas that can help to address existing or emerging technical challenges in electrical engineering.

Application papers are expected to share valuable industry experiences on dealing with challenging technical issues, developing/adopting new standards, applying new technologies or solving complex problems. JAREE welcomes application papers that can have a significant impact on industry practices in the coming years.

Review papers are expected to provide insightful and expert reviews, tutorials, or study cases on an important, timely and widely-interested topic in electrical engineering.

All researchers in the fields of electrical science are invited to publish their scientific and research achievements in this journal. Interested authors can submit their manuscripts in the journal's website. More information is available in the website on how to prepare and submit the manuscripts.

Amis and Scope

The *Journal of Applied Research in Electrical Engineering* aims to provide a medium for dissemination of innovative and consequential papers that present analytical, computational and experimental works within all specialized fields of electrical engineering (electronics, power, control and telecommunications). The scope of the journal includes, but is not limited to, the following topic areas:

Electronics:

- **Optical electronics, photonics and solar cells**
- **Integrated analog circuits and mixed signals**
- **Integrated radio frequency circuits**
- **Digital electronics (VLSI)**
- **Semiconductor devices**
- **Sensor technology**

Power:

- **Dynamics and stability of the power systems**
- **Power system protection**
- **Electric power quality**
- **Operation and planning of the power systems**
- **High voltage insulation technology**
- **Flexible AC Transmission Systems (FACTS)**
- **Electric power distribution systems**
- **Smart grids, micro-grids, renewable energies and distributed generation**
- **Reliability of electrical energy systems**
- **Energy management and electricity market**
- **Electric machines and transformers**
- **Power electronic and electric drives**

Control:

- **Linear and non-linear control systems**
- **Adaptive, optimal and stochastic control**
- **Fuzzy systems, neural networks and intelligent control**
- **Robotic and mechatronic**
- **Modeling, Identification and optimization of systems**
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- **Automation, industrial control and instrumentation**

Telecommunications:

- **Signal and image processing**
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- **Cognitive radio**
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- **The manuscript pages should be prepared either using a double-column single-line spacing layout or a single-column double-line spacing layout. A margin of at least 1.5 cm on each side is required.**
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