

*International Journal of*

# **Industrial Electronics and Drives**

**Editor-in-Chief:**

Prof. Ehab H.E. Bayoumi

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# Scope of the Journal

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*IJIED is a fully refereed international journal that presents state-of-the-art research work in the area of industrial electronics, power converters and drives. The thrust is towards those investigations which have significant potential for industrial applications. IJIED highlights new topologies or control methodologies and also reporting of the limitations faced by the existing industrial drives and converter units.*

## Topics covered include:

- Industrial power converters (topological and control issues)
- Industrial drives (control, diagnostics and design issues)
- ASDs (adjustable speed drives)
- Control engineering applications, machine tool applications
- Industrial electronics in power systems, power quality monitoring/control
- DC/DC converters, rectifiers, inverters, matrix converters
- Multi-phase machines and converters
- Pulse width modulation (PWM), multilevel/resonant converters
- Induction, synchronous, permanent magnet motor drives
- Switched reluctance motor and synchronous reluctance motor drives
- Renewable energy, photovoltaics, hybrid systems
- Automotive/electric vehicles, ASDs in cement/paper/petroleum/steel industries
- P, PI, PID controllers, adaptive/optimal controllers, robust control
- Evolutionary computation-based controllers, digital control, FPGA
- FACTS devices, active power line conditioners, distributed generation



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