



Call for Paper

Egyptian Rough Computing Journal (ERCJ)

<http://www.cba.edu.kw/ABO/ERSjournal.htm> invites authors to submit papers for the first issue of the journal.

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Important Date

Manuscript Due Oct. 30, 2006
Acceptance Notification. Nov. 30, 2006
Final Manuscript Due Dec. 15, 2006

Instructions to the authors

Authors are invited to submit a paper by Oct.. 30, 2006. The manuscripts must conform to ERCJ editorial guidelines

<http://www.cba.edu.kw/ABO/ERSjournal.htm>

Prospective authors should submit an electronic copy of their complete manuscript by email to the Editor-In-chief Professor Dr. Abdel-badeeh M. Salem via absalem@asunet.shams.edu.eg according to the mentioned timetable. Original artwork and a signed copy of the copyright release form will be required for all accepted papers.

Call for papers

The Egyptian Rough Computing Journal (*ERCJ*) is biannual and refereed journal published by the Egyptian rough sets working group. This journal provides a forum for the research and development in the fields of rough sets and their applications. It will published in electroinc form (on line) and hard form.

The *ERCJ* has as its principal aim the fostering of professional exchanges between Egyptian scientists and practitioners who are interested in the area of rough sets and their applications. This journal is devoted to the entire spectrum of issues related to rough sets, from logical and mathematical foundations, through all the aspects of rough set theory and its applications, such as data mining, knowledge discovery, and intelligent information processing, to relations between rough sets and other approaches to uncertainty, vagueness, and incompleteness, such as fuzzy sets and the theory of evidence.

Articles that appear in the *ERCJ* include foundations and applications of rough sets as well as foundations and applications of hybrid methods combining rough sets with other approaches important for development of intelligent systems.

Specific topics

Specific topics of interest include but are not limited to, the

Theoretical issues

- Feature extraction&selection
- Data reduction
- Decision rules synthesis and tuning
- Recurrent processing,
- Classification and clustering
- Multi-resolution processing,
- Granular computation,
- Analysis of time series and temporal data processing,
- Continuous features and feature discretization,
- Preserving similarity, and extraction of similarity relation from data,
- Multi-criteria decision analysis
- Hybrid and integrated intelligent systems (rough sets, fuzzy sets, Bayesian processing),

Applications

- Image processing,
- Speech recognition system
- Modeling,
- Compression,
- Web mining,
- Intelligent agent,
- Web technology
- Time-series,
- Bio-informatics,
- Genomic science,
- Content based similarity retrieval,
- Signal processing,
- Robotics,
- Business and finance,