

# EDITORIAL

The Journal Mathware and Soft Computing was born five years ago with the aim of opening a new forum where relevant theoretical contributions to Soft Computing could be presented. From our point of view this goal has been fulfilled, and the quality of the published papers is an excellent proof.

Of course, the soft computing community is interested in theoretical results, but it is also interested in applications and in applied oriented contributions. On the other hand, most of researchers obtaining theoretical results in soft computing are also researching in application oriented topics.

It is time to extend the scope of the journal in order to allow that relevant applied oriented contributions to soft computing could be presented. In this sense, Mathware and Soft Computing will be open to include high quality papers on applications or applied oriented contributions that use soft computing techniques and methodologies.

Therefore, from now on the journal will be divided into two parts: A) Foundations and B) Applications. Part A will maintain the past editorial line, while part B will be devoted to high quality contributions on applications or application oriented topics of soft computing.

To inaugurate this new editorial line we present a first Applications Part edited by J.L. Castro, F. Herrera and A. Gonzalez.

We hope that current and future readers of the journal will find more interesting the new editorial line and format. The journal is open to any suggestions that could enhance its scope and usefulness. We thanks in advance all our future contributors.

J.L. Castro and J. Jacas  
Co-editors

## APPLICATIONS

This issue encompasses four papers devoted to different Soft Computing application fields

The first paper, entitled "Capital budgeting problems with fuzzy cash flows" by C. Carlsson and R. Fullér, deals with a decision making problem, it considers the internal rate of return decision rule in capital budgeting problems with fuzzy cash flows.

The paper "Fuzzy Max-Min classifiers decide locally on the basis of two attributes", by B. von Schmidt and F. Klawonn, is devoted to fuzzy classification systems using the max-min inference scheme and classifying an unknown datum on the basis of maximum matching.

The paper "Evolutionary design of fuzzy logic controllers using strongly-typed GP", by E. Alba, C. Cotta and J.M. Troya, presents the use of the genetic programming paradigm for designing fuzzy logic controllers, where the fuzzy rule-bases are internally represented as type-constrained syntactic trees.

The paper "An example of the knowledge based controller-design and evaluation, by O. Tezak, introduces a knowledge based controller for a balance control model, where the design of the controller was based on the human control of the same process.

Finally, as Guest Editors of this special issue, we would like to thank all the authors for their contributions and the referees for their outstanding cooperation. We sincerely thank Joan Jacas, Editor of Mathware and Soft Computing, for providing us the opportunity to edit this issue.

J.L. Castro - A. Gonzalez - F. Herrera

Guest editors