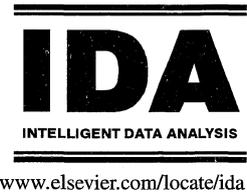




ELSEVIER

Intelligent Data Analysis 1 (1997) 69



Letter From the Editor

Dear Colleague:

Welcome to Volume 1(2) of the *Intelligent Data Analysis* journal.

The first issue of Intelligent Data Analysis Journal (IDA), that was presented live on January 15, 1997, was a great success. During the first six weeks of the journal's life, approximately 3000 people accessed the IDA home page and 2386 people looked at the four articles in Volume 1(1). This is very encouraging, as the news of the journal is now arriving to the community. We have received requests from all over the world about subscription, submission of articles, review process, and additional features that this journal could offer. We have also received numerous comments and suggestions on how to improve future issues. We view this as a sign that the Intelligent Data Analysis journal will have a great future.

Our goal is to publish a high-quality WEB-based, refereed, artificial intelligence journal. We are confident that we are on the right track. I would like to thank all of you who have supported us from the beginning and have provided us with useful feedback. Volume 1(2) contains four articles. The first article by Wendling, Desachy, and Paries, presents a new method of pattern recognition, based on images splitting into a set of trees composed of fuzzy regions. This article also defines a tree isomorphism to recognize particular objects in an image, and introduces a tree compression method to decrease complexity when dealing with large sets of samples. The second paper by Kosanovich and Piovoso, presents an extension to multivariate statistical methods, and demonstrates how a multivariate statistical method of principal component analysis can be used to develop process monitoring models. The third paper by Amin and Singh, presents a new technique for character recognition, using statistical pattern classification. Although the method is tested on Chinese characters, it may be applicable in similar domains such as Japanese and Korean.

Finally, the last article by Wolkenhauer and Edmunds, is a short research paper that proposes a new concept for qualitative and quantitative comparison between estimated probability distributions of an arbitrary shape. The approach is based on possibility theory and fuzzy logic. On behalf of the editorial board of the Intelligent Data Analysis journal, I would like to thank you again for your support and invite prospective authors to submit their articles to this high quality journal *Intelligent Data Analysis—An International Journal*. We look forward to receiving your articles and feedback.

Best wishes,

A. Famili

Editor-in-Chief