Current trends in

Artificial Intelligence and Applications

Editors:

Sazali Yaacob
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Ali Chekima
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School of Engineering and Information Technology
Universiti Malaysia Sabah
Kota Kinabalu,
Sabah

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PREFACE

It is well known that Artificial Intelligence (AI) is an ever growing field and its applications are vast and limited only by human intelligence. AI techniques have been proved to solve problems whose behaviors cannot be fully understood and modeled. Such problems are very natural and are encountered by us in everyday life. Every year, we find several new research outcomes are being reported from around the world.

The International Conference on Artificial Intelligence in Engineering and Technology, ICAIET 2002, an effort by the School of Engineering and Information Technology, University Malaysia Sabah, has been appreciated by several experts of AI around the world. A total of 112 papers from 15 different countries have been accepted through a peer review process by a group of International experts.

The next conference, ICAIET 2004, will be organized during August 2004.

This book, Current Trends in Artificial Intelligence and Applications, is a collection of some of the papers presented in the ICAIET 2002, selected by a committee, reviewed again, format modified and critically edited. The book has a wealth of information on current research trends in AI Technology and Applications. The papers are organized in seven Sections in accordance to various applications of AI. It is envisaged that this book is specially useful to researchers in the general field of AI.

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