

PROCEEDINGS **OF THE FOURTH INTERNATIONAL CONFERENCE FOR YOUNG COMPUTER SCIENTISTS BEIJING 1995**

第四届国际青年计算机科学家
会议论文集(英文版)

Edited by: Shou Bai Jianping Fan Xiaozhong Li

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Proceedings of the Fourth International Conference for Young Computer Scientists

Edited by

Shuo Bai (白 硕)

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内 容 简 介

本书为1995年7月由中国计算机学会主办在北京召开的第四届国际青年计算机科学家会议论文集。全书共收入论文189篇,其中国外作者论文约80篇,所有论文的第一作者皆是当今活跃在计算机科学这一领域内不超过40岁的年轻人。该文集内容包括:体系构造,并行与分布处理,网络,数据库,软件工程与工具,人工智能与知识工程,理论计算机科学,CAD,CAM,CAT和计算机图形,应用,多媒体,模式识别、视觉和机器人等11个专题,基本上反映了目前国内外关于计算机科学的最新发展动向与研究成果,对于各大专院校计算机系与有关专业学生、研究生和教师,以及从事计算机科学的科研单位和高技术企业等科技人员皆是一本极有价值的参考书。

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Preface

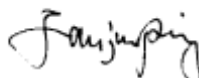
ICYCS biennial conference series is becoming an important regular event for the young computer scientists in the world. Following the former three successful ICYCS conferences, we are honored to organize this fourth ICYCS conference on behalf of the sponsors. We try to provide an opportunity to bring together the pioneer young researchers of computer science and technology to exchange their latest developments and discoveries, to share their innovative ideas and to discuss issues of their common interests. The theme of this conference is "Towards the Information Age", since most of our participants belong to the generation of computer scientists whose work is bringing about an "information age" in the future.

In this proceedings, you can find papers from various countries and districts. They are accepted by the program committee after a rigorous review procedure. We would like to thank our coordinators, the program committee members and all referees ¹ for their excellent work. The quality of the accepted papers was well guaranteed by efforts of these people. We would also like to thank our publisher, Peking University Press, for their efforts to make this proceedings well prepared. Furthermore, because some of the camera-ready copies heavily diverse in format, many people are involved in the hard work of format unification. We would like to give our thanks to these people.

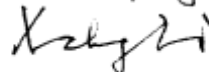
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