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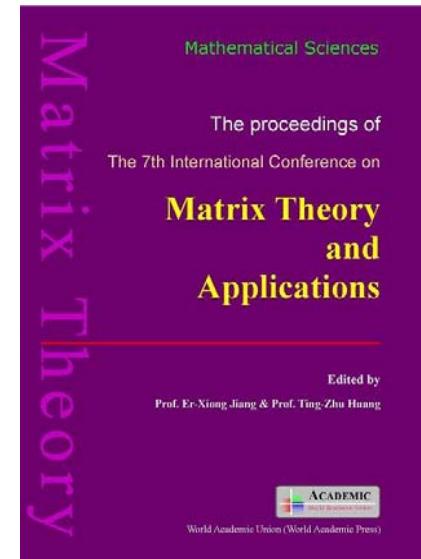
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# Advances in Matrix Theory and Applications

The Proceedings of the Seventh International Conference  
on Matrix Theory and Its Applications in China

Chengdu, China, July 2006

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*Edited by*

Er-Xiong Jiang, Ting-Zhu Huang, Chuan-Sheng Yang



World Academic Union (World Academic Press)

# **Advances in Matrix Theory and Applications**

The Proceedings of the Seventh International Conference on Matrix Theory and Its Applications

**Editors:** Er-Xiong Jiang, Ting-Zhu Huang, Chuan-Sheng Yang

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# PREFACE

With the development of computational technology, it is becoming a very important thing to build a strong and deep mathematical theory basement for it. The aim of this mathematical conference on Matrix Analysis and its Applications (MAA) is to encourage research and interaction of researchers interested in all aspects of linear and multi-linear algebra, matrix theory, matrix computation and applications, and to provide an opportunity for researchers to exchange ideas, recent developments and results on the subject.

The 7<sup>th</sup> conference on Matrix Theory and Its Applications attracted 426 submissions that covered many aspects of mathematics, such as matrix theory, linear algebra, numerical linear algebra, applications of matrix theory and computation, etc. After being reviewed by the experts of mathematics, a total number of 129 papers were accepted for the conference. The acceptance rate is about 29%.

The overall harvest of papers is very impressive and we are quite happy to see that this research community has grown so well. We are grateful to all of the authors and especially to the organizing committee of MAA, for working hard to make this conference to be held successfully.

July 2006

Professor Er-Xiong Jiang  
Professor Ting-Zhu Huang  
Dr. Chuan-Sheng Yang (Eds.)

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