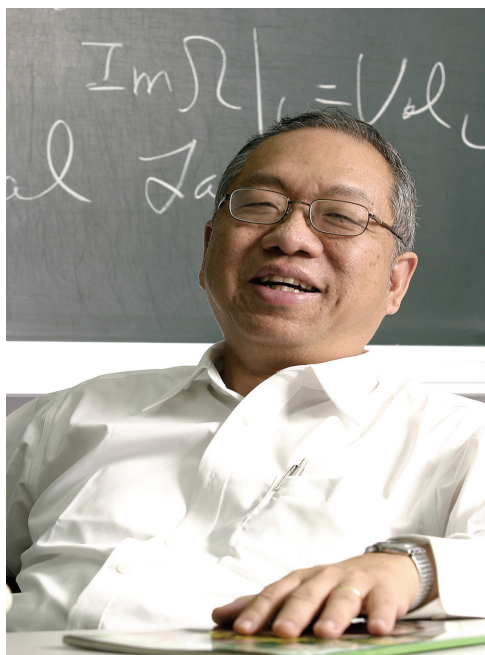

Foreword

by Shing-Tung Yau

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The International Congress of Chinese Mathematicians (or ICCM) was set up in 1998 as a means to communicate ideas among mathematicians of Chinese descent around the world. It has since been held, every third year, in various Chinese cities: The first ICCM was in Beijing, the second in Taipei, the third in Hong Kong, the



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(photo by Yiyo Ling, reprinted courtesy of
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fourth in Hangzhou, and the last one in Beijing in 2010. This year, it will be held in Taipei again.

Since 1998, the number of participants had grown from 400 to 2000. The quality of the presented papers meets international standards. The number of Chinese research mathematicians all over the world is approaching the total number of members of the American Mathematical Society. Because the organization of the ICCM has grown accordingly and there is strong desire to have a publication similar to the AMS Notices that can be used to report on news and research relevant to the large group of Chinese researchers scattered all over the world. To this end, we are creating a new journal called *Notices of the*

International Congress of Chinese Mathematicians (or *ICCM Notices*, for short), of which this is the first issue.

The *ICCM Notices* supplements the *AMS Notices* by providing a broader coverage of Chinese mathematics. The *ICCM Notices* also provides a unique forum for mathematicians and mathematics educators of Chinese descent in Asia—and for non-Chinese people interested in Chinese mathematics—to share their perspectives on the development of mathematics and mathematics education.

Because of the close ties between the *ICCM Notices* and the ICCM conferences, we hope and believe that the journal will provide a convenient platform for the ICCM to share its exciting activities, and to reach out to the broader mathematics community and the general public around the world.

Eventually, we hope, the *ICCM Notices* will become the major source for people to learn about what is happening in the Chinese mathematics community.

This journal is the fruit of the collaboration among the following institutions: Taiwan University, Chiao-Tung University (Hsinchu), Tsinghua University (Beijing), Morningside Center of Mathematics in the Chinese Academy of Sciences, Mathematics Institute of the Academia Sinica (Taipei), the Institute of Mathematics in the Chinese University of Hong Kong and the Mathematics Institute of Zhejiang University.

There are several components to this journal:

- survey papers on pure and applied mathematics and related fields such as statistics, computer science, engineering, physics, and economics;
- reports on the contributions and lives of prominent mathematicians who may or may not be of Chinese descent;
- mathematical activities that occur in China, such as events related to the ICCM
- opinion pieces by people who may or may not be of Chinese descent;
- essays on education or policies related to mathematics.

In order to foster the development of mathematics, each issue of the *ICCM Notices* includes a section devoted to open problems.

The *ICCM Notices* will publish two issues per year. We invite the readers to submit articles to the journal through Chun-Chien Cheng (yassist@tims.ntu.edu.tw).