

CHINESE MATHEMATICS CURRICULUM, TEACHING AND COLLEGE ENTRANCE EXAMINATION

Mathematical Education Committee of Chinese Mathematical Society

Short description of the Thematic Afternoon: organizers, aims and underlying ideas

Organizers

The Chinese Mathematical Society was established in July 1935. The Mathematical Education Committee of Chinese Mathematical Society is committed to the development of mathematics education in primary, secondary and university schools. In 1936, the Chinese Mathematical Society founded and published the Journal of Mathematics (《数学通报》), which has published many important mathematics education research paper mainly focused on the mathematical education practice in primary and secondary schools.

This thematic afternoon is a collaboration among researchers from Mathematical Education Committee of Chinese Mathematical Society. Academic consultants (professor Ningzhong Shi and professor Junyi Guo) are responsible for the design and guidance of the overall activities. Yufeng Guo is responsible for the mathematics curriculum and teaching. Zizhao Ren is responsible for the activities about Mathematics College Entrance Examination.

Aims and underlying ideas

As the main research fields of mathematics education, curriculum, teaching and evaluation have attracted the attention of mathematics education researchers and mathematics teachers all over the world. This activity aims to show the main features of Chinese mathematics education in these three research fields which are Chinese mathematics curriculum (or Syllabus), teaching and college entrance Examination (Chinese Gaokao). About Chinese mathematics curriculum, historical evolution of mathematics curriculum standards, the latest high school mathematics curriculum standards and supporting textbooks will be introduced. About College Entrance Examination, the system and proposition ideas will be introduced. This activity can help people understand the reality and characteristics of Chinese mathematics education better.

Planned structure:

Planned timeline	Planned activity	Working format /Responsible person
14:00-14:30	Display of mathematical curriculum standards and mathematical materials	PowerPoint, picture and text showing/ Yufeng Guo &Li Zhongru
14:30-15:00	Display of characteristic math class and students' works	PowerPoint, pictures, video and paper/ Fengwen Yang

15:00-16:00	<ol style="list-style-type: none"> 1.Introduce the basic situation of the college entrance examination. 2.The mathematical knowledge and ability to be examined in the college entrance examination. 3.The structure of the math papers for the college entrance examination. 4.Chinese mathematical tasks of College Entrance Examination. 	PowerPoint, pictures, video and paper/ Zizhao Ren, Ji Guoxing, Song Chunwei
16:00-16:30	Q & A	Organizers and participants