Introduction

CUMCM (The Contemporary Undergraduate Mathematical Contest in Modeling) is an annual contest for undergraduates all over the world, organized by CSIAM (China Society for Industrial and Applied Mathematics). It has been held annually since 1992. In the year of 2021, 49529 teams from 1566 institutions participated in the contest.

In the contest, up to three students (it does not matter they are from majors in mathematics or from non-mathematical fields, **but they must be from the same institution or university**) advised by at most one teacher form a team. The team's task is to develop in three days mathematical and/or computer models to solve a simplified real-word problem in engineering, management, etc. During the three contest days (about 72 hours), the students can use any references or materials they can find (including the materials on the INTERNET), but discussions out-of-team members (including the advisor) are forbidden. The aim of the contest is to improve students' understanding of mathematics, especially mathematical modeling and mathematical software, and to enhance students' motivation for studying mathematics and to cultivate students' creativity and overall competency.

Registration

The contest is organized every year. CUMCM-2022 will start at 6:00PM, 15 September 2022 and end at 8:00PM, 18 September 2022 (Beijing Time).

For the participants from universities/colleges in regions other than mainland China, HK SAR and Macao SAR, their registration fee will be waived off. Please register through the website **http://en.mcm.edu.cn** before **8:00PM, 14 September**, 2022 (Beijing Time). (For the participants from universities/colleges in mainland China, HK SAR and Macao SAR, please register following the guidelines on **http://www.mcm.edu.cn**.)

Problems and Sample Solutions

Please visit the website **http://en.mcm.edu.cn** for previous contest problems, together with some sample solution papers.

Inquiries

If you have any questions concerning the contest or registration process, please visit the website **http://en.mcm.edu.cn**, or contact the contest secretary:

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