

The List of Winners to 2011 S.-T. Yau High School Mathematics Awards

Gold Award

Topic: Shock Profile For Gas Dynamics in Theemal Nonequilibrium

Members: Xie Wang

Instructor: Luo Tao

School: Sidwell Friends Upper School, US

Silver Award

Topic: There is A Non-van Douwen Mad Family

Members: Zhuodong He

Instructor: Chengyu Zhang

School: Shenzhen Middle School

Brozen Award

(1)Topic: The relationship of the slope to the cutting line of the cubic function

Members: Wenyuan Zeng

Instructor: Guoshuang Pan

School: Beijing National Day's Schooll

(2)Topic: Strengthening proof of Bezout theorem

Members: Yukun Ding

Instructor: Wenhai Sun

School: Hefei No.168 Middle School

Honorable Mentioned

(1)Topic: Two Proofs of Euler-Maclaurin Formula,Its Generalizations and Applications

Members: Yanjie Jing

Instructor: Hongliang Shi

School: No.2 High School Attached to East China Normal University

(2)Topic: Curve Unfolding

Members: Han Wang, Chen Song, Jing Zi Liu

Instructor: Xin De Li

School: Experimental Middle School of Henan Province

(3)Topic: Generalizations on the Classical Problem 'Mice and the Poison'

Members: Tianyi Bai, Sitao Xiang

Instructor: Lei Zhang

School: Northeast Yucai School

(4)Topic: Generalization of the Topological Sum
Members: Ming Chen Xia
Instructor: Ji Hong Zhang
School: Anshan No.1 Middle School

(5)Topic: The Modular Chromatic Number of Trees
Members: Jia-Lin Wang, Jie-Ying Yuan
Instructor: Weidong Guo
School: Guangdong Experimental High School