The List of Winners to
2012 S.-T. Yau High School Mathematics Awards

Gold Award

Topic: On the Asymptotic Properties of the Analytical Solutions to Two Functional Equations
Members: Chengyang Shao
Instructor: Lijun Yang
School: The High School Attached to Tsinghua University

Silver Award

Topic: A Diophantine problem from mathematical physics
Members: Zhi Ren,Dongchen Yang
Instructor: Lijiong Si
School: Hangzhou NO.2 High school of Zhejiang Province

Brozen Award

(1)Topic: On a class of Discrete Maximum Value Problem
Members: Yusheng Cai, Haizhou Zhao
Instructor: Chuanpeng Zhang
School: Hangzhou Foreign Language Schoo

(2)Topic: New Study on Identities Involving Euler Numbers and Bernoulli Numbers
Members: Ruibo Wei, Anjun Chu
Instructor: Junjie Zhang
School: Guangdong Experimental High School

(3)Topic: The Structure and Topological Properties of M?bius Strip Dissection
Members: Runzhu Fan, Xiang Li
Instructor: Suihai Luo
School: The Affiliated High School of South China Normal University

---

Honorable Mentioned

(1)Topic: Maximum of Summations of Numbers of Minesweeping Games
Members: Yishen Zhang
Instructor: Dianjun Wang
School: The High School Attached to Tsinghua University

(2)Topic: The Relation between Difference Equation and Differential Equation
Members: Boxuan Chen
Instructor: Guoshuang Pan
School: Beijing National Day School

(3)Topic: n-linear Coordinate System and Its Applications
Members: Xinhang Yu
Instructor: Xinghuai Li
School: The Affiliated High School of South China Normal University