

The List of Winners to 2009 S.-T. Yau High School Mathematics Awards

Gold Award

Topic: Coordinate-free characterization of homogeneous polynomials with isolated singularities

Members: Irene Chen

Instructor: Yau Stephen

School: Illinois Math and Science Academy

Silver Award

Topic: Research on the Combinatorial Transform Mathematics Problem Frog Leap

Members: Tian Zeng

Instructor: Bubin Tang

School: High School Affiliated to Renmin university of China

Brozen Award

(1)Topic: Some Upper Bound Formula For Ramsey Numbers And Their Applications

Members: Zhiwei Xiang, Zhengzhen Qian, Shengbo Fu

Instructor: Lin Xia

School: Hangzhou Xizi Experimental Middle School

(2)Topic: Geometric Model the Wonderful Tridimensional Kaleidoscope

Members: Zili Wang

Instructor: Cong Wu

School: Shenzhen High School

(3)Topic: On The Upper Bound of Number Theoretic Function $Ff(h)$

Members: Shenghan Lu

Instructor: Jinsong Li

School: High School Affiliated to Tsinghua University

Honorable Mentioned

(1)Topic: Generalization of the Definition Method of the Arithmetic Multiplication

Members: Yifei Zhao

Instructor: Enli Xiao

School: High School Affiliated To Fudan University

(2)Topic: Generalization, Applications and Inequality Chain of the Idempotent Sum of Three Sides of the Right-angled Triangular

Members: Xiaowei Huang, Weijuan Luo, Zhizhang Wu

Instructor: Zhiming Yang

School: Guangdong Guangya High School

(3)Topic: The Research on Circle Family and Sphere Family

Members: Chen Yan, Ziquan Zhuang

Instructor: Xinhuai Li

School: The High School Affiliated to South China Normal University

(4)Topic: Research on the Combinatorial Transform Mathematics Problem Frog Leap

Members: Tian Zeng

Instructor: Bubin Tang

School: High School Affiliated to Renmin university of China

(5)Topic: Sane Bounds on Van Der Waerden-Type Numbers

Members: Nils Molina, Anand Oza, Rohan Puttagunta

Instructor: Gasarch William

School: Montgomery Blair High School