2006 Mathematical Contest in Modeling Press Release—March 20, 2006

COMAP is pleased to announce the results of the 22nd annual Mathematical Contest in Modeling (MCM). This year, 748 teams representing institutions from 9 countries participated in the contest. Eleven teams from the following ten institutions were designated as OUTSTANDING WINNERS:

Carroll College, Helena MT
Duke University, Durham, NC
Harvard University, Cambridge, MA (2 Teams)
MIT, Cambridge, MA
Rensselaer Polytechnic Inst, Troy, NY
Rice University, Houston, TX
Shanghai Jiao Tong University, Shanghai, China
University of California at Davis, CA
University of Colorado, Boulder, CO
Zhejiang University of Technology, Hangzhou, China

This year's contest ran from Thursday, February 2 to Monday, February 6, 2006. During that time, teams of up to three undergraduate or high school students researched, modeled, and submitted a solution to one of two modeling problems. The 2006 MCM was primarily an online contest. Teams registered, obtained contest materials, and downloaded the problem and data at the prescribed time through COMAP's MCM Website.

This year, the two MCM problems represented significant challenges. The author of both problems, Professor Kelly Black of Union College was also a member of the panel of final judges. **Problem A** asked teams to develop a model for determining a water irrigation schedule for a field of fixed dimensions subject to a collection of requirements that forced

teams to consider both the hydrodynamics and the practical aspects of the problem. **Problem B** required teams to construct a model capable of assisting a hypothetical airline company needing to determine an efficient way of positioning wheelchairs in order to assist limited mobility passenger travel at a spectrum of airport terminals. Teams selecting this problem were also required to craft their presentations as proposals that considered the intrinsic costs associated with their approach and how these costs influence their proposed solutions.

The twelve **Outstanding** solution papers will be published in *The UMAP Journal*, along with commentary from the authors and other judges. All 748 of the competing teams are to be congratulated for their excellent work and enthusiasm for mathematical modeling and interdisciplinary problem solving.

2006 MCM Statistics

- 748 teams participated
- 10 high school teams (1%)
- 247 U.S. Teams (33%)
- 501 Foreign Teams (67%) from Australia, Canada, Finland, Germany, Hong Kong, Indonesia, Ireland, China, South Africa, South Korea
- 12 Outstanding Winners (2%)
- 122 Meritorious Winners (16%)
- 188 Honorable Mentions (25%)
- 426 Successful Participants (57%)

To obtain additional information about the MCM and to obtain a complete listing of all team designations, please visit the MCM Website at: www.comap.com/undergraduate/contests/mcm, or contact COMAP at: mcm@comap.com.

Major funding for the MCM is provided COMAP. Additional support is provided by the Institute for Operations Research and the Management Sciences (INFORMS), and Two Sigma Investments. COMAP's Mathematical Contest in Modeling and Interdisciplinary Contest in Modeling are unique among modeling competitions in that they are the only international contests in which students work in teams to find a solution. Centering its educational philosophy on mathematical modeling, COMAP uses mathematical tools to explore real-world problems. It serves the educational community as well as the world of work by preparing students to become better informed—and prepared—citizens, consumers, and workers.



Administered by
The Consortium for Mathematics
and Its Applications

Contest Director

Frank Giordano, Naval Postgraduate School, Monterey CA.

Executive Director

Solomon A. Garfunkel, COMAP, Inc., MA

Founding Director

Ben Fusaro, Florida State University

Associate Directors

William Fox, Francis Marion University, SC Bob Borrelli, Harvey Mudd College, CA Pat Driscoll, USMA, West Point

Co	entrol # Institution	Advisor	Designation	Problem
155	University of Colorado	Bengt Fornberg	Outstanding Winner SIAM Award	Α
155	University of Colorado	Bengt Fornberg	Outstanding Winner MAA Award	Α
532	Zhejiang University of Technology	Shiming Wang	Outstanding Winner	Α
600	Shanghai Jiao Tong University	Baorui Song	Outstanding Winner Ben Fusaro Aw	ard A
609	MIT	Martin Bazant	Outstanding Winner INFORMS Awa	ard B
783	Duke University	William Mitchener	Outstanding Winner INFORMS Awa	ard A
806	Harvard University	Clifford Taubes	Outstanding Winner SIAM Award	В
868	Rice University	Mark Embree	Outstanding Winner MAA Award	В
883	UC Davis	Sarah Williams	Outstanding Winner	Α
885	Carroll College	Mark Parker	Outstanding Winner	Α
916	Harvard University	Michael Brenner	Outstanding Winner	В
945	Rensselaer Polytechnic Institute	Peter Kramer	Outstanding Winner	В
4	University of Stellenbosch	Jan van Vuuren	Meritorious Winner	Α
22	University of Washington	James Morrow	Meritorious Winner	В
24	University of Washington	Anne Greenbaum	Meritorious Winner	В
46	Harbin Institute of Technology Science Faculty	Jiao Guanghong	Meritorious Winner	В
61	Truman State University	Steve Smith	Meritorious Winner	Α
76	KAIST	Dongsup Kim	Meritorious Winner	Α
80	Sichuan University	Jie Zhou	Meritorious Winner	В
84	Zhejiang University	Qifan Yang	Meritorious Winner	Α
100	Northwestern Polytechenical University	Zhe Liu	Meritorious Winner	Α
106	Drury University	Keith Coates	Meritorious Winner	Α
153	Tsinghua University	Chi Hung Chi	Meritorious Winner	В
154	University of Colorado	Anne Dougherty	Meritorious Winner	Α
162	University of Electronic Science and Technology of	f Xu Quanzi	Meritorious Winner	В
204	Tsinghua University	Zhiming Hu	Meritorious Winner	Α
219	Shanghai Foreign Language School	Pan Liqun	Meritorious Winner	Α
226	Nanjing University of Posts and	Gaohua Kong	Meritorious Winner	В
227	Korea Advanced Institute of Science and	Ki Hyoung Ko	Meritorious Winner	Α
231	Humboldt State University	Brad Finney	Meritorious Winner	Α
235	College of Mount St. Joseph	Scott Sportsman	Meritorious Winner	Α
268	Xidian University	Qiang Zhu	Meritorious Winner	В
270	Xidian University	Wei Li	Meritorious Winner	Α
272	Xidian University	Hailin Feng	Meritorious Winner	Α
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Co	ntrol # Institution	Advisor	Designation	Problem
282	Xi'an Jiaotong University	Yonghong Dai	Meritorious Winner	Α
283	University of Oxford	Jeffrey Giansiracusa	Meritorious Winner	Α
286	Xi'an Jiaotong University	Xiaoliang He	Meritorious Winner	В
300	Dalian Nationalities Innovation College	Rixia Bai	Meritorious Winner	Α
312	Rowan University	Hieu Nguyen	Meritorious Winner	Α
320	Beijing Jiao Tong University	Xiaoxia Wang	Meritorious Winner	Α
324	Beijing Jiao Tong University	Zhouhong Wang	Meritorious Winner	Α
328	South-China Normal University	Zhang shaohui	Meritorious Winner	Α
335	University of Science and Technology of China	Qiang Meng	Meritorious Winner	Α
340	School of Science, Beijing Jiao Tong University	Shangli Zhang	Meritorious Winner	Α
358	Mathematical Department	Xuanyun Qin	Meritorious Winner	Α
373	Jilin University	Peichen Fang	Meritorious Winner	Α
380	Northeastern University (College of Information	Shuying Zhao	Meritorious Winner	Α
386	University of Guangxi	WANG XING	Meritorious Winner	В
398	Zhejiang University City College	Huizeng Zhang	Meritorious Winner	Α
406	School of Science, Beijing University of Posts and	Zuguo He	Meritorious Winner	Α
417	Victoria University of Wellington	Mark McGuinness	Meritorious Winner	Λ
438	Central University of Finance and Economics	Xiaoming Fan	Meritorious Winner	В
446	School of Science, Beijing University of Posts and	Jinkou Ding	Meritorious Winner	В
486	Nanchang University	Chen Tao	Meritorious Winner	Α
496	Southwest University of Finance and Economics	Jiangming Sun	Meritorious Winner	В
505	School of Humanity and Management, National	Dan Wang	Meritorious Winner	Α
527	Rowan University	Hieu Nguyen	Meritorious Winner	Α
529	Austin Peay State University	Nell Rayburn	Meritorious Winner	Α
557	Western Washington University	Tjalling Ypma	Meritorious Winner	Α
581	Hefei University of Technology	Xueqiao Du	Meritorious Winner	Α
599	Shanghai Jiao Tong University	Baorui Song	Meritorious Winner	Α
601	Shanghai Jiao Tong University	Gang Zhou	Meritorious Winner	В
634	Nanjing Univ. of Sci. & Tech.	Liwei Liu	Meritorious Winner	В
652	Minhang Branch of Shanghai Jiaotong University	Jianguo Huang	Meritorious Winner	В
653	Minhang Branch of Shanghai Jiaotong University	Jianguo Huang	Meritorious Winner	Α
663	Sun Yat_sen University	Xiaoming Liu	Meritorious Winner	Α
666	University College Cork	Dmitrii Rachinskii	Meritorious Winner	Α
675	Lawrence Technological University	Ruth Favro	Meritorious Winner	Α

Co	entrol # Institution	Advisor	Designation	Problem
681	South China University of Technology	Liu Quan	Meritorious Winner	В
707	Humboldt State University	Brad Finney	Meritorious Winner	В
711	University of Helsinki	Petri Ola	Meritorious Winner	Α
720	University of Massachusetts Lowell	James Graham-Eagle	Meritorious Winner	Α
725	Davidson College	Timothy Chartier	Meritorious Winner	В
728	Columbia University	David Keyes	Meritorious Winner	Α
731	University of Colorado at Boulder	Michael Ritzwoller	Meritorious Winner	В
738	School of Computer Science and Technology	Jiang Shujuan	Meritorious Winner	Α
739	Chongqing University	Zhengmin Duan	Meritorious Winner	Α
756	University of Saskatchewan	James Brooke	Meritorious Winner	Α
768	Davidson College	Timothy Chartier	Meritorious Winner	В
770	Davidson College	Mark Foley	Meritorious Winner	В
773	Wake Forest University	Edward Allen	Meritorious Winner	Α
774	Wake Forest University	Edward Allen	Meritorious Winner	Α
781	Duke University	William Mitchener	Meritorious Winner	В
785	Duke University	Owen Astrachan	Meritorious Winner	В
786	Duke University	Owen Astrachan	Meritorious Winner	٨
795	Lewis & Clark College	Liz Stanhope	Meritorious Winner	В
797	PLA university of Science and Technology	Liu Shousheng	Meritorious Winner	Α
804	Northern Kentucky University	Gail Mackin	Meritorious Winner	В
814	Johns Hopkins University	Fred Torcaso	Meritorious Winner	Α
819	Harvey Mudd College	Jon Jacobsen	Meritorious Winner	Α
820	Wake Forest University	Claire Hammond	Meritorious Winner	В
825	Bethel University	William Kinney	Meritorious Winner	Α
831	Cal Poly Pomona	Ioana Mihaila	Meritorious Winner	Α
834	Harvey Mudd College	Ran Libeskind-Hadas	Meritorious Winner	В
835	Harvey Mudd College	Ran Libeskind-Hadas	Meritorious Winner	Α
836	U. Alaska Fairbanks	Orion Lawlor	Meritorious Winner	Α
837	U. Alaska Fairbanks	Orion Lawlor	Meritorious Winner	В
845	California Polytechnic State University, San Luis	Lawrence Sze	Meritorious Winner	Α
847	California State University at Monterey Bay	Hongde Hu	Meritorious Winner	Α
848	Cal-Poly Pomona University	Hubertus von Bremen	Meritorious Winner	Α
850	Cal-Poly Pomona University	Kurt Vandervoort	Meritorious Winner	Α
861	University College Cork	James Grannell	Meritorious Winner	Α

	2006	WCW Contest Results		
Co	ontrol # Institution	Advisor	Designation	Problem
873	Eastern Oregon University	David Allen	Meritorious Winner	В
874	University College Cork	Andrew Usher	Meritorious Winner	Α
879	University of San Diego	Diane Hoffoss	Meritorious Winner	Α
880	University of San Diego	Diane Hoffoss	Meritorious Winner	Α
884	UC Davis	Sarah Williams	Meritorious Winner	В
887	Maggie Walker Governor's School	John Barnes	Meritorious Winner	Ben Fusaro Award B
890	Maggie Walker Governor's School	John Barnes	Meritorious Winner	Α
892	Carroll College	Holly Zullo	Meritorious Winner	Α
899	Maggie Walker Governor's School	Harold Houghton	Meritorious Winner	Α
900	University of Delaware	Louis Rossi	Meritorious Winner	Α
904	Youngstown State University	Angela Spalsbury	Meritorious Winner	Α
913	Southern Connecticut State University	Therese Bennett	Meritorious Winner	Α
914	Regis University	Jim Seibert	Meritorious Winner	В
920	University of West Georgia	Scott Gordon	Meritorious Winner	Α
921	Simpson College	Murphy Waggoner	Meritorious Winner	В
929	University of South Florida	Nan Kong	Meritorious Winner	В
933	University of Science and Technology of China	Zhouwang Yang	Meritorious Winner	٨
937	University of California, Berkeley	Nicolai Reshetikhin	Meritorious Winner	Α
939	Slippery Rock University	Richard Marchand	Meritorious Winner	Α
943	Rensselaer Polytechnic Institute	Peter Kramer	Meritorious Winner	Α
944	Cornell University	Alexander Vladimirsky	Meritorious Winner	Α
948	Cornell University	Shane Henderson	Meritorious Winner	Α
955	School of Science, Xi'an Communication Institute	Dongsheng Yang	Meritorious Winner	Α
956	School of Science, Xi'an Communication Institute		Meritorious Winner	Α
957	School of Information,Xi'an Communication	Jianhang Zhang	Meritorious Winner	Α
958	School of Information,Xi'an Communication	Jinlong kang	Meritorious Winner	Α
961	Paivola College	Janne Puustelli	Meritorious Winner	В
965	Helsingin matematiikkalukio	Esa Lappi	Meritorious Winner	Α
970	Asbury College	David Coulliette	Meritorious Winner	Α
975	University of Colorado at Denver	Gary Olson	Meritorious Winner	Α
979	Central Washington University	Stuart Boersma	Meritorious Winner	В
985	National University of Ireland Galway	Niall Madden	Meritorious Winner	Α
2	South Dakota School of Mines & Technology	Kyle Riley	Honorable Mention	A
5	University of Stellenbosch	Jan van Vuuren	Honorable Mention	Α
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Co	ntrol # Institution	Advisor	Designation	Problem
12	KAIST(Korea Advanced Institute of Science and	Yong Kim	Honorable Mention	Α
13	KAIST(Korea Advanced Institute of Science and	Yong Kim	Honorable Mention	Α
14	Southeast University	Zhang Zhiqiang	Honorable Mention	В
16	Science College,Southeast University	Jia Xingang	Honorable Mention	Α
17	Southeast University	Zhang Zhiqiang	Honorable Mention	В
19	Science College, Southeast University	Jia Xingang	Honorable Mention	Α
21	University of Washington	James Morrow	Honorable Mention	Α
23	University of Washington	Anne Greenbaum	Honorable Mention	Α
25	Shanghai University of Finance and Economics	Li-zhu Zhang	Honorable Mention	В
29	Ningbo Institute of Technology, Zhejiang	Jufeng Wang	Honorable Mention	В
38	Harbin Institute of Technology	Shouting Shang	Honorable Mention	Α
44	Harbin Institute of Technology Science Faculty	Zhang Chiping	Honorable Mention	В
48	The School of Business, Nanjing University	Lin Hui	Honorable Mention	В
49	Beijing University of Technology	Yi Xue	Honorable Mention	Α
57	Simon's Rock College	Michael Bergman	Honorable Mention	Α
59	Loyola College	Christos Xenophontos	Honorable Mention	Α
60	University of WisconsinRiver Falls	Kathy Tomlinson	Honorable Mention	Λ.
64	Science College,Southeast University	Chen Enshui	Honorable Mention	В
67	Beijing Normal University	Hengjian Cui	Honorable Mention	В
69	Wu Han University	Xingqi Hu	Honorable Mention	В
74	Saint Mary's College	Joanne Snow	Honorable Mention	Α
85	Zhejiang University	Qifan Yang	Honorable Mention	В
90	Zhejiang University	Yiwei Jiang	Honorable Mention	Α
91	Gettysburg College	Sharon Stephenson	Honorable Mention	Α
92	Sichuan University	Jie Zhou	Honorable Mention	Α
98	Northwestern Polytechnical University	Sun Hao	Honorable Mention	В
101	Northwestern Polytechnical University	Lei Youming	Honorable Mention	Α
117	Beijing Normal University	he qing	Honorable Mention	В
120	Appalachian State University	Eric Marland	Honorable Mention	Α
121	Linfield College	Jennifer Nordstrom	Honorable Mention	Α
123	Linfield College	Daniel Ford	Honorable Mention	В
124	Linfield College	Daniel Ford	Honorable Mention	Α
145	North China Electric Power University	Gu Gendai	Honorable Mention	Α
147	Jiading No.1 Middle School, Shanghai, China 💢	ilin Xie & Yunping Fang	Honorable Mention	В

Co	ntrol # Institution	Advisor	Designation F	Problem
158	Yucai Senior High School	Zhenwei Yang	Honorable Mention	В
161	University of Electronic Science and Technology of	Gao Qing	Honorable Mention	Α
170	Telecommunication Department ,Yunnan	Rong Zong	Honorable Mention	В
196	Beijing Normal University	Laifu Liu	Honorable Mention	В
197	beijing normal university	fanglin peng	Honorable Mention	В
214	School of Mathematical Sciences, Peking	Ming Wang	Honorable Mention	Α
215	Peking University	Yulong Liu	Honorable Mention	Α
222	Shanghai Foreign Language School	Sun Yu	Honorable Mention	В
223	Shanghai Youth Centre of Science and	Xu Feng	Honorable Mention	В
224	Shanghai Foreign Language School	Tao Liang	Honorable Mention	Α
230	Wheaton College (IL)	Paul Isihara	Honorable Mention	Α
244	Dalian University of Technology	Lizhong Zhao	Honorable Mention	Α
246	Civil Aviation University of China	Nie runtu	Honorable Mention	В
247	Dalian University of Technology	Hongquan Yu	Honorable Mention	Α
253	Dalian University of Technology	Mingfeng He	Honorable Mention	Α
256	City Institute, Dalian University of Technology	Lianfu Li	Honorable Mention	В
261	School of Software of Dalian University of	Fengqi Li	Honorable Mention	D
263	China University of Geosciences	Yan Deng	Honorable Mention	Α
265	Institute of University Students' Innovation	Donghai Fu	Honorable Mention	Α
266	Institute of University Students' Innovation	He Mingfeng	Honorable Mention	Α
273	Xidian University	Yue Song	Honorable Mention	В
284	Xi'an Jiaotong University	Yonghong Dai	Honorable Mention	В
292	Department of Applied Mathematics	Dianfa Chen	Honorable Mention	Α
305	Dalian Nationalities University	Xingwen Chen	Honorable Mention	Α
	Dalian Nationalities University	Xingwen Chen	Honorable Mention	Α
310	Beijing Language and Culture University	Xiaoxia Zhao	Honorable Mention	В
311	Beijing Language and Culture University	Xiaoxia Zhao	Honorable Mention	Α
313	Pacific University	John August	Honorable Mention	Α
314	Pacific University	Nancy Neudauer	Honorable Mention	В
315	Pacific University	James Butler	Honorable Mention	Α
317	Beijing Language and Culture University	Rou Song	Honorable Mention	В
318	Beijing Language and Culture University	Endong Xun	Honorable Mention	Α
327	South-China Normal University	Zhang shaohui	Honorable Mention	В
329	South-China Normal University	wang henggeng	Honorable Mention	Α

Co	ntrol # Institution	Advisor	Designation	Problem
330	South-China Normal University	wang henggeng	Honorable Mention	Α
333	South-China Normal University	Li hunan	Honorable Mention	Α
334	Shanghai University of Finance & Economics	SUN yan	Honorable Mention	Α
357	Zhejiang Sci-Tech University	Hua Luo	Honorable Mention	Α
360	Mathematical Department	Xuanyun Qin	Honorable Mention	В
362	Zhejiang Sci-Tech University	Shuguang Han	Honorable Mention	В
363	Civil Aviation University of China	tian ming	Honorable Mention	Α
364	Shandong University	XiangXu Meng	Honorable Mention	Α
371	Jilin University	Yongkui Zou	Honorable Mention	В
377	Northeastern University(Software College)	Peifeng Hao	Honorable Mention	Α
378	Northeastern University (Software College)	Jianzhong Xu	Honorable Mention	Α
382	Northeastern University(Software College)	Xuehong He	Honorable Mention	В
392	School of Mathematics and Systems Science in	Tongchao Lu	Honorable Mention	Α
394	Zhejiang University City College	Xusheng Kang	Honorable Mention	Α
395	Zhejiang University City College	Gui Wang	Honorable Mention	Α
403	Dongbei University of Finance and Economics	Yongbing Zheng	Honorable Mention	В
407	School of Science, Beijing University of Posts and	Hongxiang Sun	Honorable Mention	Λ
408	School of Science, Beijing University of Posts and	Hongxiang Sun	Honorable Mention	Α
412	Shandong University	Shuxiang Huang	Honorable Mention	Α
413	Shandong University	Baodong Liu	Honorable Mention	Α
414	Chengdu university of technology	Yuan Yong	Honorable Mention	Α
415	Chengdu university of technology	Yuan Yong	Honorable Mention	В
419	Donghua University	Yong Ge	Honorable Mention	В
440	Central University of Finance and Economics	Xianjun Yin	Honorable Mention	Α
444	Nanjing Univ.	Weihua Huang	Honorable Mention	Α
462	Sacred Heart University	Peter Loth	Honorable Mention	Α
463	Union College	Peter Otto	Honorable Mention	Α
464	Southern Oregon University	Kemble Yates	Honorable Mention	Α
465	Wuhan Univ	Liuyi Zhong	Honorable Mention	Α
473	Jinan University	Daiqiang Hu	Honorable Mention	В
477	Shanghai University of Finance & Economics	fang li	Honorable Mention	В
483	Union College	Peter Otto	Honorable Mention	Α
489	Beijing University of Chemical Technology	Guangfeng Jiang	Honorable Mention	В
498	Science College, National University of Defense	Ziyang Mao	Honorable Mention	Α

Co	entrol # Institution	Advisor	Designation	Problem
502	University of Arizona	Bruce Bayly	Honorable Mention	В
519	Hangzhou Dianzi University	Zhifeng Zhang	Honorable Mention	В
545	Harbin Medical University	Wang QiangHu	Honorable Mention	В
556	College of Psychology, Beijing Normal University	Danhua Lin	Honorable Mention	Α
558	Tongji University	jialiang xiang	Honorable Mention	Α
559	Tongji University	jin Liang	Honorable Mention	В
568	Hong Kong Baptist University	C. S. Tong	Honorable Mention	Α
592	Zhejiang University of Finance and Economics	Ji Luo	Honorable Mention	Α
594	Sun Yat_sen University	Yun Bao	Honorable Mention	В
607	United States Military Academy	Kerry Moores	Honorable Mention	Α
625	School of Mathematics and Statistics, Wuhan	Chu Luo	Honorable Mention	Α
645	Worcester Polytechnic Institute	Suzanne Weekes	Honorable Mention	Α
658	Wesleyan College	Joseph Iskra	Honorable Mention	В
660	Jacksonville University	Robert Hollister	Honorable Mention	Α
671	Colby College	Paul Cohen	Honorable Mention	Α
689	Beijing Institute of Technology	Xiaoxia Yan	Honorable Mention	Α
701	Luther College	Reginald Laursen	Honorable Mention	٨
702	Luther College	Reginald Laursen	Honorable Mention	Α
705	Bloomsburg University	Kevin Ferland	Honorable Mention	Α
706	Saint Louis University	Sanjay Jayaram	Honorable Mention	Α
719	University of South Carolina	Lili Ju	Honorable Mention	В
726	Southeast Missouri State University	Robert Sheets	Honorable Mention	Α
727	Xi\'an University of Technology	Wang Shangping	Honorable Mention	Α
732	University of Colorado at Boulder	Michael Ritzwoller	Honorable Mention	Α
747	Xuzhou Institute of Technology	Jiang Yingzi	Honorable Mention	Α
755	Chongqing University	Li Fu	Honorable Mention	В
761	University of Pittsburgh	Jonathan Rubin	Honorable Mention	Α
765	Malone College	David Hahn	Honorable Mention	Α
767	Oklahoma State University	Lisa Mantini	Honorable Mention	Α
771	Ithaca College	Bruce Thompson	Honorable Mention	Α
772	Iona College	Srilal Krishnan	Honorable Mention	Α
778	McGill University	Nilima Nigam	Honorable Mention	Α
779	Bowling Green State University	Juan Bes	Honorable Mention	Α
782	Albion College	Darren Mason	Honorable Mention	Α

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Co	ntrol # Institution	Advisor	Designation	Problem
789	Heritage University	Richard Swearingen	Honorable Mention	Α
791	Columbia University	Peter Bank	Honorable Mention	Α
792	Longwood University	M. Leigh Lunsford	Honorable Mention	Α
796	University of Southern Queensland	Dmitry Strunin	Honorable Mention	Α
807	Northern Kentucky University	Gail Mackin	Honorable Mention	Α
813	Johns Hopkins University	Fred Torcaso	Honorable Mention	Α
815	Virginia Western Community College	Steve Hammer	Honorable Mention	Α
816	National University of Ireland Galway	Niall Madden	Honorable Mention	Α
818	Harvey Mudd College	Jon Jacobsen	Honorable Mention	Α
824	Western Carolina University	Erin McNelis	Honorable Mention	Α
830	Drury University	Bruce Callen	Honorable Mention	Α
832	Benedictine College	Linda Herndon	Honorable Mention	Α
838	The George Washington University	Daniel Ullman	Honorable Mention	В
839	NC School of Science & Mathematics	Daniel Teague	Honorable Mention	Α
857	Institution of Information and Engineering , Dalian	Guangzhi Liu	Honorable Mention	Α
858	Institution of Information and Engineering , Dalian	Guangzhi Liu	Honorable Mention	Α
862	Paivola College	Janne Puustelli	Honorable Mention	٨
863	Hobart and William Smith Colleges	Scotty Orr	Honorable Mention	Α
865	University College Cork	Ben McKay	Honorable Mention	Α
866	Hobart and William Smith Colleges	Tara Curtin	Honorable Mention	Α
876	Greenville College	George Peters	Honorable Mention	Α
878	Greenville College	George Peters	Honorable Mention	Α
888	Tennessee Technological University	Martha Kosa	Honorable Mention	Α
	Carroll College	Dawn Bregel	Honorable Mention	Α
903	Youngstown State University	Angela Spalsbury	Honorable Mention	Α
906	Youngstown State University	Scott Martin	Honorable Mention	В
910	Midlands Technical College	John Long	Honorable Mention	Α
911	Grinnell College	Karen Shuman	Honorable Mention	Α
912	Grinnell College	Karen Shuman	Honorable Mention	Α
917	York University	Hongmei Zhu	Honorable Mention	В
918	Wheaton College (IL)	Paul Isihara	Honorable Mention	В
	University of West Georgia	Scott Gordon	Honorable Mention	Α
	Simpson College	Jeff Parmelee	Honorable Mention	Α
926	New Mexico Institute of Mining and Technology	John Starrett	Honorable Mention	Α

	2006 MG	CM Contest Results		
Co	ntrol # Institution	Advisor	Designation	Problem
928	Pacific Lutheran University	Jeffrey Stuart	Honorable Mention	Α
930	Institut Teknologi Bandung	Rieske Hadianti	Honorable Mention	В
934	Institut teknologi bandung	Agus Gunawan	Honorable Mention	Α
938	Beijing University of Posts and	Xiaoxia Wang	Honorable Mention	В
950	Beijing University of Posts and	Zuguo He	Honorable Mention	Α
951	Rensselaer Polytechnic Institute	Shekhar Garde	Honorable Mention	Α
954	North china electric power university science &	Wang Shenghua	Honorable Mention	Α
960	Rose-Hulman Institute of Technology	David Rader	Honorable Mention	Α
962	MIT	Leonid Levitov	Honorable Mention	В
971	Asbury College	David Coulliette	Honorable Mention	Α
973	Embry-Riddle University	Greg Spradlin	Honorable Mention	Α
978	Worcester Polytechnic Institute	Stanley Selkow	Honorable Mention	Α
984	Mt. Mercy College	K. Knopp	Honorable Mention	В
987	Beloit College	Paul Campbell	Honorable Mention	Α
989	University of Montana	George McRae	Honorable Mention	В
990	University of Western Ontario	Allan MacIsaac	Honorable Mention	Α
3	Institute of Integrated Water Environment	Hailong Yin	Successful Participant	В
7	Sichuan University	Hai Niu	Successful Participant	Α
8	Sichuan University	Shuchao Zhou	Successful Participant	Α
9	University of Puget Sound	DeWayne Derryberry	Successful Participant	В
10	Beijing Normal University	Laifu Liu	Successful Participant	В
20	Sichuan University	Jie Zhou	Successful Participant	Α
26	Ningbo Institute of Technology, Zhejiang	Zhening Li	Successful Participant	Α
31	Ningbo Institute of Technology, Zhejiang	Lihui Tu	Successful Participant	Α
32	Ningbo Institute of Technology, Zhejiang	Xuefan Yu	Successful Participant	В
33	Fudan University	Zhijie Cai	Successful Participant	Α
34	Fudan University	Yuan Cao	Successful Participant	Α
39	Harbin Institute of Technology	Ge Hong	Successful Participant	Α
41	Harbin Institute of Technology	Liu Kean	Successful Participant	Α
47	Queen's University	David Steinsaltz	Successful Participant	В
50	Jiang Su University	Honglin Yang	Successful Participant	Α
51	Jiang Su University	Honglin Yang	Successful Participant	В
52	Mathematical Department of Jiang Su University	Guilong Gui	Successful Participant	Α
53	Mathematical Department of Jiang Su University	Guilong Gui	Successful Participant	Α
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Co	ontrol # Institution	Advisor	Designation	Problem
54	Loyola College	Christos Xenophontos	Successful Participant	В
55	Simon's Rock College	Allen Altman	Successful Participant	Α
56	Simon's Rock College	Allen Altman	Successful Participant	В
58	Simon's Rock College	Michael Bergman	Successful Participant	Α
62	Truman State University	Steve Smith	Successful Participant	В
63	Southeast University	Wang Liyan	Successful Participant	В
68	Nanjing University	Jian Gao	Successful Participant	Α
70	Jiang Su University	yimin Li	Successful Participant	Α
71	Jiang Su University	yimin Li	Successful Participant	Α
72	Jiang Su University	Gang Xu	Successful Participant	Α
75	Saint Mary's College	Joanne Snow	Successful Participant	Α
78	Lanzhou Commercial College	Li Bode	Successful Participant	Α
79	Beijing Normal University	Haiyang Huang	Successful Participant	Α
82	Southeast University	Wang Liyan	Successful Participant	Α
83	Science College,Southeast University	Chen Enshui	Successful Participant	Α
87	Zhejiang University	Zhiyi Tan	Successful Participant	В
93	School of Science, Beijing Jiao Tong University	Yongguang Yu	Successful Participant	D
94	School of Science, Beijing Jiao Tong University	Yongguang Yu	Successful Participant	Α
96	Northwestern Polytechnical University	Wang Zhenhai	Successful Participant	Α
99	Northwestern Polytechnical University	Guo Qiang	Successful Participant	В
102	Northwestern Polytechnical University	Xu Yong	Successful Participant	В
103	Renmin University of China	Han Litao	Successful Participant	Α
104	Renmin University of China	Han Litao	Successful Participant	Α
108	Harbin Institute of Technology	Shang Shouting	Successful Participant	Α
109	Harbin Institute of Technology	Wang Xilian	Successful Participant	Α
	Harbin Institute of Technology	Wang Xilian	Successful Participant	Α
112	College of Information Science and Technology	fuxing Shen	Successful Participant	В
114	Nanjing University of Posts and	Zhonghua Qiu	Successful Participant	Α
115	Nanjing University of Posts and	LiWei Xu	Successful Participant	Α
	Appalachian State University	Eric Marland	Successful Participant	Α
	Linfield College	Jennifer Nordstrom	Successful Participant	В
126	Economics and Management College of Dalian	Yun Zhang	Successful Participant	Α
	Dalian Maritime University	Yunjie Zhang	Successful Participant	Α
132	School of Mathematics and System Sciences of	HUANG Shuxiang	Successful Participant	Α

Co	entrol # Institution	Advisor	Designation	Problem
134	Nanjing University	Chunying Duan	Successful Participant	Α
135	University of Finance&Economics,Shanghai	Yin Chengyuan	Successful Participant	Α
136	Renmin University of China	Yang Yunyan	Successful Participant	Α
137	Dalian Maritime University	Guoyan Chen	Successful Participant	Α
138	Nanjing University(CHN)	Tianxing Yao	Successful Participant	Α
139	Daqing Petroleum Institute	Ling Kong	Successful Participant	Α
140	Daqing Petroleum Institute	Ling Kong	Successful Participant	Α
141	Daqing Petroleum Institute	Yun Yang	Successful Participant	Α
142	Daqing Petroleum Institute	Chang Zhang	Successful Participant	Α
143	North China Electric Power University	Shi huifeng	Successful Participant	В
144	North China Electric Power University	Zhang Po	Successful Participant	В
146	North China Electric Power University	Zhang Yagang	Successful Participant	Α
148	Jiading No.1 Middle School, Shanghai, China χ_{il}	lin Xie & Yunping Fang	Successful Participant	В
149	University of finance and economics in Shanghai	Tao Li	Successful Participant	В
150	Shandong Uiversity	Shuxiang Huang	Successful Participant	Α
152	Beijing Forestry University	Gao Mengning	Successful Participant	Α
156	ShangHai Maritime University	Songkang Ding	Successful Participant	D
159	Yucai High School	Zhengtai Li	Successful Participant	В
160	University of Electronic Science and Technology of	of Gao Qing	Successful Participant	Α
163	University of Electronic Science and Technology of	of Qin Siyi	Successful Participant	Α
166	Beihang University	ShangZhi Li	Successful Participant	Α
169	Beihang University	Sanxing Wu	Successful Participant	Α
171	Telecommunication Department ,Yunnan	Yijian Pei	Successful Participant	Α
172	Beijing Forestry University	Ning Gao	Successful Participant	Α
173	BeiHang Univ.(BHU)	Sun HaiYan	Successful Participant	Α
174	BEIHANG UNIVERSITY	liu hongying	Successful Participant	Α
175	Beihang University	ShangZhi Li	Successful Participant	Α
176	Railway Campus of Central South University	KunNan Yi	Successful Participant	Α
177	Central South University	Yi Kunnan	Successful Participant	Α
179	Shandong University at Weihai	Bing Yang	Successful Participant	В
180	Shandong University at Weihai	Huaxiang Zhao	Successful Participant	Α
181	Shandong University at Weihai	Zhulou Cao	Successful Participant	Α
182	Shandong University at Weihai	Bing Yang	Successful Participant	Α
183	East China University of Science and Technology	Yuanhong Lu	Successful Participant	Α

Co	ntrol# Institution	Advisor	Designation	Problem
184	East China University of Science and Technology	Yan Qin	Successful Participant	Α
185	East China University of Science and Technology	Zhaohui Liu	Successful Participant	В
186	East China University of Science and Technology	Zhaohui Liu	Successful Participant	В
192	Harbin Institute of Technology at Weihai	Baojia Li	Successful Participant	Α
193	Harbin Institute of Technology at Weihai	Rongning Qu	Successful Participant	В
194	Harbin Institute of Technology at Weihai	Lingjiang Cui	Successful Participant	Α
199	Shanghai Foreign Language School	Pan Liqun	Successful Participant	В
200	Tsinghua University	Jun Ye	Successful Participant	Α
201	Peking University	Minghua Deng	Successful Participant	Α
202	Tsinghua University	Jun Ye	Successful Participant	Α
203	Peking University	Minghua Deng	Successful Participant	В
205	Tsinghua University	Zhiming Hu	Successful Participant	Α
206	Peking University	Xufeng Liu	Successful Participant	Α
207	Peking University	Xufeng Liu	Successful Participant	В
211	School of Mathematical Sciences, Peking	Lan Wu	Successful Participant	Α
213	School of Mathematical Sciences, Peking	Ming Wang	Successful Participant	Α
220	Shanghai Youth Centre of Science and	Chen Gan	Successful Participant	ь
221	Shanghai Youth Centre of Science and	Chen Gan	Successful Participant	В
225	Shanghai Youth Centre of Science and	Wang Weiping	Successful Participant	В
229	Nanjing University	Tianxing Yao	Successful Participant	В
234	University of South Florida	Brian Curtin	Successful Participant	Α
236	College of Charleston	Amy Langville	Successful Participant	Α
237	College of Charleston	Amy Langville	Successful Participant	В
238	Anhui University	Mingsheng Chen	Successful Participant	Α
	Anhui University	Jian Wang	Successful Participant	Α
240	Anhui University	Junping Xiang	Successful Participant	Α
	Dalian University of Technology	Lizhong Zhao	Successful Participant	В
243	Anhui University	Xuejun Wang	Successful Participant	Α
245	Dalian University of Technology	Hongquan Yu	Successful Participant	Α
252	Dalian University of Technology	Mingfeng He	Successful Participant	Α
	City Institute, Dalian University of Technology	Lianfu Li	Successful Participant	Α
	City Institute, Dalian University of Technology	Li Guan	Successful Participant	Α
	City Institute, Dalian University of Technology	Li Guan	Successful Participant	Α
259	School of Software of Dalian University of	Zhe Li	Successful Participant	Α

Co	ontrol # Institution	Advisor	Designation	Problem
260	School of Software of Dalian University of	Zhe Li	Successful Participant	Α
262	China University of Geosciences	Deng Yan	Successful Participant	Α
274	Northeast Dianli University	Xu Zhonghai	Successful Participant	Α
275	Northeast Dianli University	Guo Xinchen	Successful Participant	В
276	Northeast Dianli University	Guo Xinchen	Successful Participant	Α
277	Northeast Dianli University	Chang Zhiwen	Successful Participant	Α
278	Northeast Dianli University	Chang Zhiwen	Successful Participant	Α
279	Northeast Dianli University	Zhou Shuo	Successful Participant	Α
280	Northeast Dianli University	Zhang Jie	Successful Participant	Α
285	Xi'an Jiaotong University	Xiaoliang He	Successful Participant	Α
290	University of Science and Technology of China	Chuan Huang	Successful Participant	В
293	Dalian Nationalities Innovation College	Qiang Guo	Successful Participant	В
295	Dalian Nationalities University	Xiangdong Liu	Successful Participant	В
298	Dalian Nationalities University	Rendong Ge	Successful Participant	Α
301	Dalian Nationalities Innovation College	Rixia Bai	Successful Participant	В
304	Dalian Nationalities Innovation College	Yumei Ma	Successful Participant	В
319	Jilin University	Xianrui Lv	Successful Participant	٨
325	Beijing Jiao Tong University	Zhouhong Wang	Successful Participant	Α
342	Emmanuel College	Matthew Tom	Successful Participant	В
345	School of Electronics and Information	Jiaxin Yu	Successful Participant	В
346	School of Computer and Information	Bingli Fan	Successful Participant	Α
349	Harbin Normal University	Yao Huanmin	Successful Participant	Α
351	Youth Centre of Science & Technology Education	Jian Tian	Successful Participant	Α
352	Shanghai finance&economics college	Lizhu Zhang	Successful Participant	Α
353	Guizhou University for Nationalities	Zhensheng Hong	Successful Participant	Α
354	Guizhou University for Nationalities	Hongmin Suo	Successful Participant	В
356	North China Electric Power University	Wen Tan	Successful Participant	Α
361	Zhejiang Sci-Tech University	Jueliang Hu	Successful Participant	Α
366	Jilin University	Shaoyun Shi	Successful Participant	Α
368	Jilin University	Yongkui Zou	Successful Participant	Α
369	Jilin University	Shishun Zhao	Successful Participant	Α
374	Institute of Mechanical Science and Engineering	Songtao Li	Successful Participant	Α
376	Northeastern University(Distance Education	Sun Ping	Successful Participant	Α
379	Northeastern University(Software College)	Huilin Liu	Successful Participant	В

Co	entrol # Institution	Advisor	Designation	Problem
381	Northeastern University(College of Information	Fucai Zhou	Successful Participant	В
383	Nankai University	Wanyi Chen	Successful Participant	Α
384	China University of Geosciences(Beijing)	Guangdong Huang	Successful Participant	Α
385	Nankai University	Xingwei Zhou	Successful Participant	Α
387	Nankai University	Jishou Ruan	Successful Participant	Α
390	University of Guangxi	WANG XING	Successful Participant	В
391	China University of Geosciences(Beijing)	Guangdong Huang	Successful Participant	Α
401	Virginia Western Community College	Ruth Sherman	Successful Participant	Α
402	Northeastern University(Institute of artificial	Cui Jian-jiang	Successful Participant	Α
405	Shanghai University of Finance and Economics	Suwei Feng	Successful Participant	В
409	University of Oxford	effrey Giansiracusa	Successful Participant	Α
411	Beijing Forestry University	Hongjun Li	Successful Participant	Α
416	Chengdu university of technology	Wei hua	Successful Participant	Α
418	Donghua University	Xiaofeng Wang	Successful Participant	В
420	Donghua University	Surong You	Successful Participant	Α
421	Donghua University	Yunsheng Lu	Successful Participant	Α
426	Harbin University of Science and Technology	Guangyue Tian	Successful Participant	٨
428	Harbin University of Science and Technology	Guangyue Tian	Successful Participant	Α
430	Harbin University of Science and Technology	Dongyan Chen	Successful Participant	Α
432	Northeast Normal University	Zuofeng Li	Successful Participant	Α
434	Northeast Normal University	Zuofeng Li	Successful Participant	Α
436	Central University of Finance and Economics	Donghong Li	Successful Participant	В
442	Nanjing Univ.	Weihua Huang	Successful Participant	В
443	Central University of Finance and Economics	Zhao Yin	Successful Participant	Α
447	Beijing University of Posts and	Wenbo Zhang	Successful Participant	Α
449	Beijing University of Posts and	Jianhua Yuan	Successful Participant	В
451	Mount St. Mary's University	Fred Portier	Successful Participant	Α
452	Sun Yat_sen University	Guocan Feng	Successful Participant	Α
454	Sun Yat_sen University	ZuoJian Yuan	Successful Participant	В
455	Economics and Management School, Wuhan	Zhuangchu Luo	Successful Participant	В
456	Wuhan University, College of Power&Mechanical	Qi Huxin	Successful Participant	Α
458	Wuhan University School Of Resource And	Hu Yuanming	Successful Participant	Α
459	School of Electronics and Information Engineering,	Xiao Liu	Successful Participant	Α
460	China Agricultural University	Junfeng Liu	Successful Participant	В

Co	entrol # Institution	Advisor	Designation	Problem
461	China Agricultural University	Junfeng Liu	Successful Participant	В
466	Wuhan University	Zhong Liu	Successful Participant	В
469	Jinan University	Shiqi Ye	Successful Participant	Α
470	Jinan University	Shizhuang Luo	Successful Participant	Α
471	Jinan University	Chuanlin Zhang	Successful Participant	Α
472	SCHOOL OF REMOTE SENSING	LUO CHU	Successful Participant	В
476	Shanghai University of Finance and Economics	Jian Zhou	Successful Participant	В
478	Huazhong University of Science and Technology	Liang Gao	Successful Participant	Α
479	beijing wuzi xueyuan	cheng xiaohong	Successful Participant	Α
480	beijing wuzi xueyuan	cheng xiaohong	Successful Participant	В
481	Beijing Wuzi University	Li Zhenping	Successful Participant	В
482	Beijing Wuzi University	Li Zhenping	Successful Participant	В
484	Nanchang University	Ma Xinsheng	Successful Participant	Α
485	Nanchang University	Liao Chuanrong	Successful Participant	В
487	Nanchang University	Chen Yuju	Successful Participant	Α
488	Beijing University of Chemical Technology	Hui Liu	Successful Participant	Α
490	Beijing University of Chemical Technology	Jinyang Huang	Successful Participant	A
491	Beijing University of Chemical Technology	Damin Liu	Successful Participant	Α
495	Wuhan University School Of Resource And	Hu Yuanming	Successful Participant	Α
499	Computer School of Wuhan University	Liuyi Zhong	Successful Participant	Α
500	School of Electrical Engineering, Wuhan University	Hu Xinqi	Successful Participant	Α
501	Beijing Forestry University	LI Hongjun	Successful Participant	Α
503	Shanghai Normal University Guo	shenghuan Zhudetong	Successful Participant	В
504	Shanghai Normal University Liur	ongguan Shiyongbing	Successful Participant	В
506	School of Humanity and Management, National	Dan Wang	Successful Participant	Α
507	Science College, National Univrsity of Defense	M.D. Wu	Successful Participant	Α
508	Science College, National Univrsity of Defense	M.D. Wu	Successful Participant	Α
512	Xiamen University	Zhong Tan	Successful Participant	Α
513	School of Computer Sciences, National University	Yueshan Xiong	Successful Participant	В
514	Xiamen University	Zhong Tan	Successful Participant	Α
517	Southwestern University of finance and economics	Yunlong Sun	Successful Participant	Α
518	Economics and Management School, Wuhan	Zhuangchu Luo	Successful Participant	Α
520	Hangzhou Dianzi University	Zhifeng Zhang	Successful Participant	Α
521	Hangzhou Dianzi University	Zheyong Qiu	Successful Participant	В

Co	ntrol # Institution	Advisor	Designation	Problem
522	Hangzhou Dianzi University	Zheyong Qiu	Successful Participant	Α
526	Xiamen University	Long Minnan	Successful Participant	В
528	Westchester Community College	Marvin Littman	Successful Participant	Α
530	Hebei Polytechnic University	Dianchuan Jin	Successful Participant	В
531	Hebei Polytechnic University	Junbo Meng	Successful Participant	Α
533	Hebei Polytechnic University	Baoxiang Liu	Successful Participant	Α
534	Zhejiang University of Technology	Shiming Wang	Successful Participant	Α
535	Zhejiang University of Technology	Minghua Zhou	Successful Participant	Α
536	Zhejiang University of Technology	Minghua Zhou	Successful Participant	Α
541	Northeast Agricultural University of China	YaZhuo Zhang	Successful Participant	Α
544	Harbin Medical University	Wang QiangHu	Successful Participant	Α
546	Harbin Medical University	Lv SaLi	Successful Participant	В
547	Harbin Medical University	Lv SaLi	Successful Participant	Α
548	Northeast Agricultural University of China	YaZhuo Zhang	Successful Participant	Α
549	Nanjing University	Ning Li	Successful Participant	Α
550	Huazhong University of Science and Technology	Yan Dong	Successful Participant	В
551	Jia-Musi University	Zhang Hong	Successful Participant	^
552	Jia-Musi University	Zhang Hong	Successful Participant	Α
553	Jia-Musi University	FAN WEI	Successful Participant	Α
554	Jia-Musi University	FAN WEI	Successful Participant	В
555	Jia-Musi University	WEN BIN	Successful Participant	Α
560	Tongji University	xiongda chen	Successful Participant	Α
561	Hefei University of Technology	Huaming Su	Successful Participant	Α
562	Guangzhou University	Fu Lin	Successful Participant	Α
564	Guangzhou University	Shang dong	Successful Participant	Α
565	Guangzhou University	Zhong bin	Successful Participant	Α
566	Hefei University of Technology	Youdu Huang	Successful Participant	В
567	harbin engineering university	jihong shen	Successful Participant	Α
570	harbin engineering university	jihong shen	Successful Participant	Α
571	Hong Kong Baptist University	W. C. Shiu	Successful Participant	В
573	harbin engineering university	xiaowei zhang	Successful Participant	Α
574	harbin engineering university	xiaowei zhang	Successful Participant	Α
575	Hefei University of Technology	Yongwu Zhou	Successful Participant	Α
576	harbin engineering university	zhenbin gao	Successful Participant	Α

Co	ntrol # Institution	Advisor	Designation	Problem
577	harbin engineering university	zhenbin gao	Successful Participant	Α
580	Harbin Engineering University	Yuesheng Luo	Successful Participant	Α
582	harbin engineering university	lei zhu	Successful Participant	Α
583	harbin engineering university	tao yu	Successful Participant	Α
585	harbin engineering university	fei yu	Successful Participant	Α
586	Guangzhou University	Xiong Jian	Successful Participant	В
587	Shandong University	shuxiang huang	Successful Participant	Α
588	Inner Mongolia University	zhuang ma	Successful Participant	Α
589	Inner Mongolia University	mei wang	Successful Participant	Α
590	Inner Mongolia University	hai han	Successful Participant	Α
597	University of Utah	Don Tucker	Successful Participant	Α
602	Shanghai Jiao Tong University	Gang Zhou	Successful Participant	Α
603	Remote sensing school	xinqi hu	Successful Participant	В
604	Wesleyan College	Joseph Iskra	Successful Participant	В
606	United States Military Academy	Joseph Lindquist	Successful Participant	В
608	Wesleyan College	Charles Benesh	Successful Participant	В
610	MIT	Martin Bazant	Successful Participant	Α
611	University of Guangxi	Ru Wu	Successful Participant	Α
612	University of Guangxi	Ru Wu	Successful Participant	Α
613	Hunan University	Chuanxiu Ma	Successful Participant	Α
614	Wuhan University of Technology	Chen Jianye	Successful Participant	Α
615	Hunan University	Liping Wang	Successful Participant	Α
617	Hunan University	Liping Wang	Successful Participant	Α
618	Wuhan University of Technology	Chu Yangjie	Successful Participant	В
619	Wuhan University of Technology	Zhu Huiying	Successful Participant	В
621	Wuhan University of Technology	He Lang	Successful Participant	Α
623	Wuhan University of Technology	Zhu Huaping	Successful Participant	В
624	Wuhan University of Technology	Liu Yang	Successful Participant	Α
626	Wuhan University of Technology	Huang Zhangcan	Successful Participant	Α
627	Wuhan University of Technology	Huang Xiaowei	Successful Participant	Α
628	Wuhan University of Technology	Li Yuguang	Successful Participant	Α
629	Nanjing Univ. of Sci. & Tech.	Pinling Wang	Successful Participant	Α
630	Minhang Branch of Shanghai Jiao Tong University	Guobiao Zhou	Successful Participant	Α
631	Wuhan University of Technology	Mao Shuhua	Successful Participant	В

Co	entrol # Institution	Advisor	Designation	Problem
632	Minhang Branch of Shanghai Jiao Tong University	Guobiao Zhou	Successful Participant	Α
633	Nanjing Univ. of Sci. & Tech.	Chungen Xu	Successful Participant	В
636	Nanjing Univ. of Sci. & Tech.	Liwei Liu	Successful Participant	Α
638	School of Electrical Engineering, Wuhan University	Yuan Hu	Successful Participant	В
640	Zhejiang Gongshang University	Ding Zhengzhong	Successful Participant	Α
641	Zhejiang Gongshang University	Ding Zhengzhong	Successful Participant	Α
642	Zhejiang Gongshang University	Hua Jiukun	Successful Participant	Α
643	Zhejiang Gongshang University	Hua Jiukun	Successful Participant	Α
644	Worcester Polytechnic Institute	Suzanne Weekes	Successful Participant	В
649	Zhejiang University of Finance and Economics	Fulai Wang	Successful Participant	В
650	Concordia College	John Loase	Successful Participant	В
651	Beijing Normal University	he qing	Successful Participant	В
656	Franklin College	John Boardman	Successful Participant	Α
659	Jacksonville University	Robert Hollister	Successful Participant	В
661	Fujian Normal Univ.	Zhang Shenggui	Successful Participant	Α
662	School of Computer and Information Technology	Liwei Ren	Successful Participant	В
664	School of Science, Beijing Jiao Tong University	Guochen Feng	Successful Participant	٨
665	Peking University	Huazhong Tang	Successful Participant	Α
667	Shenyang Institute of Aeronautical	Feng Shan	Successful Participant	В
668	Nazareth College	Daniel Birmajer	Successful Participant	В
669	Shenyang Institute of Aeronautical	Feng Shan	Successful Participant	Α
670	Colby College	Paul Cohen	Successful Participant	В
672	Shenyang Institute of Aeronautical	Limei Zhu	Successful Participant	В
673	Shenyang Institute of Aeronautical	Limei Zhu	Successful Participant	Α
674	Randolph-Macon College	Bruce Torrence	Successful Participant	Α
676	Lawrence Technological University	Ruth Favro	Successful Participant	Α
677	Westchester Community College	Marvin Littman	Successful Participant	Α
678	Meredith College	Cammey Cole	Successful Participant	Α
679	Meredith College	Cammey Cole	Successful Participant	Α
680	Radford University	Laura Spielman	Successful Participant	Α
683	School of Science, Beijing Institute of Technology	Guifeng Yan	Successful Participant	Α
684	South China University of Technology	Liu Quan	Successful Participant	Α
686	Beijing Institute of Technology	Hongzhou Wang	Successful Participant	В
687	harbin engineering university	fei yu	Successful Participant	Α

Co	ntrol # Institution	Advisor	Designation	Problem
690	South China University of Technology	Tao Zhi Sui	Successful Participant	Α
691	Beijing Institute of Technology	Qun Ren	Successful Participant	Α
693	Beijing Institute of Technology	Xuewen Li	Successful Participant	Α
695	South China University of Technology	Qin Yong An	Successful Participant	Α
697	Central South University	Laoshi Yi	Successful Participant	Α
698	Xi'an University of Technology	Mao Cao	Successful Participant	Α
699	Xi'an University of Technology	Mao Cao	Successful Participant	Α
700	Bloomsburg University	Kevin Ferland	Successful Participant	Α
703	Juniata College	John Bukowski	Successful Participant	В
704	Luther College	Steve Hubbard	Successful Participant	В
708	Nebraska Wesleyan University	Kristin Pfabe	Successful Participant	Α
709	Macalester College	Daniel Kaplan	Successful Participant	В
710	Dalhousie University	Dorothea Pronk	Successful Participant	Α
713	Tianjin University	Guoliang Shi	Successful Participant	Α
715	Tianjin University	Zhenghai Huang	Successful Participant	В
716	Tianjin University	Ximin Rong	Successful Participant	Α
717	Tianjin University	Ximin Rong	Successful Participant	٨
718	Midlands Technical College	John Long	Successful Participant	Α
722	Kansas State University	Dave Auckly	Successful Participant	В
724	Goshen College	Charles Crane	Successful Participant	Α
729	Columbia University	David Keyes	Successful Participant	Α
737	China University of Ming and Technology	Zhang Xingyong	Successful Participant	Α
740	Xuzhou Institute of Technology	Li Subei	Successful Participant	Α
742	PLA University of Science and Technology	Teng Jiajun	Successful Participant	В
743	Indiana Univesity South Bend	Morteza Shafii-Mousavi	Successful Participant	Α
744	Brevard College	Clarke Wellborn	Successful Participant	В
745	Grand View College	Sergio Loch	Successful Participant	Α
746	PLA University of Science and Technology	Shen Jinren	Successful Participant	Α
751	Chongqing University	Tengzhong Rong	Successful Participant	Α
752	University of New South Wales	James Franklin	Successful Participant	В
753	Chongqin University	Renbin He	Successful Participant	Α
754	Chongqing University	Dadi Yang	Successful Participant	Α
757	Shenyang Pharmaceutical University	Rong Xiang	Successful Participant	Α
758	Changsha University of Science and Technology	QingShan Tong	Successful Participant	Α

Co	entrol # Institution	Advisor	Designation	Problem
760	University of Pittsburgh	Jonathan Rubin	Successful Participant	В
762	China University of Mining and Technology	Wu Zongxiang	Successful Participant	Α
763	Wuhan University School of Mathematics and	Hu Mingyuan	Successful Participant	Α
764	University of Richmond	Kathy Hoke	Successful Participant	Α
766	Oklahoma State University	Lisa Mantini	Successful Participant	В
769	Davidson College	Mark Foley	Successful Participant	В
775	Bowling Green State University	Juan Bes	Successful Participant	Α
777	McGill University	Nilima Nigam	Successful Participant	Α
780	California State University, Bakersfield	Maureen Rush	Successful Participant	В
799	Dalian University	Xinxin Tan	Successful Participant	Α
800	Gannon University	Michael Caulfield	Successful Participant	Α
801	Gannon University	Michael Caulfield	Successful Participant	Α
802	Wake Forest University	David John	Successful Participant	Α
803	Angelo State University	Karl Havlak	Successful Participant	Α
805	Angelo State University	Karl Havlak	Successful Participant	В
808	Northern Kentucky University	Sharmanthie Fernando	Successful Participant	Α
811	Minnesota State University Moorhead	Ellen Hill	Successful Participant	٨
812	Minnesota State University Moorhead	Ellen Hill	Successful Participant	Α
817	Drury University	Keith Coates	Successful Participant	В
826	Ithaca College	Ali Erkan	Successful Participant	В
827	Salisbury University	Divya Devadoss	Successful Participant	В
829	Drury University	Bruce Callen	Successful Participant	Α
833	Saint Louis University	David Jackson	Successful Participant	Α
840	NC School of Science & Mathematics	Daniel Teague	Successful Participant	В
841	St. Norbert College	John Frohliger	Successful Participant	Α
843	University of Colorado at Colorado Springs	Radu Cascaval	Successful Participant	В
844	California State University, Stanislaus	Brian Jue	Successful Participant	Α
849	Institution of Information and Engineering , Dalia	n Jiatai Gang	Successful Participant	В
851	Dalian University	Xiangyu Dong	Successful Participant	Α
854	Dalian University	Lianshan Shen	Successful Participant	Α
856	Institution of Information and Engineering , Dalia $$	n Zixin Liu	Successful Participant	Α
859	Xavier University	Michael Goldweber	Successful Participant	В
860	PLA University of Science and Technology	Zheng Qin	Successful Participant	В
864	Hobart and William Smith Colleges	Scotty Orr	Successful Participant	Α

Co	ntrol # Institution	Advisor	Designation	Problem
869	Clarkson University	Kathleen Fowler	Successful Participant	В
870	Clarkson University	Kathleen Fowler	Successful Participant	В
871	New Mexico State University	Tiziana Giorgi	Successful Participant	Α
872	New Mexico State University	Mary Ballyk	Successful Participant	Α
875	Western New England College	Lorna Hanes	Successful Participant	Α
877	Xavier University	Michael Goldweber	Successful Participant	В
881	James Madison University	Caroline Smith	Successful Participant	Α
882	Smith College	Ruth Haas	Successful Participant	В
893	Towson University	Michael O'Leary	Successful Participant	Α
894	Tennessee Technological University	Andrew Hetzel	Successful Participant	В
902	Iowa State University	Stephen Willson	Successful Participant	Α
915	Lafayette College	Ethan Berkove	Successful Participant	В
922	Simpson College	Murphy Waggoner	Successful Participant	Α
924	Simpson College	Jeff Parmelee	Successful Participant	Α
925	Edgewood College	Steven Post	Successful Participant	В
927	Pacific Lutheran University	Jeffrey Stuart	Successful Participant	В
931	Willamette University	Inga Johnson	Successful Participant	٨
941	University of Saskatchewan	James Brooke	Successful Participant	В
946	Cornell University	Alexander Vladimirsky	Successful Participant	В
947	Cornell University	Shane Henderson	Successful Participant	Α
949	BioMedical Research Institute	Qh Wang	Successful Participant	В
952	Wuhan University	Zhong Liuyi	Successful Participant	Α
953	Wuhan University	hu ming	Successful Participant	Α
959	Rose-Hulman Institute of Technology	David Rader	Successful Participant	В
964	Helsingin matematiikkalukio	Juho Pakarinen	Successful Participant	В
966	Roberts Wesleyan College	Gary Raduns	Successful Participant	Α
967	Chatham College	Japheth Wood	Successful Participant	Α
968	Roberts Wesleyan College	Gary Raduns	Successful Participant	Α
969	Chatham College	Japheth Wood	Successful Participant	Α
976	Worcester Polytechnic Institute	Stanley Selkow	Successful Participant	В
980	College of Saint Benedict Saint John's University	Robert Hesse	Successful Participant	Α
981	College of Saint Benedict/Saint John's University	Robert Hesse	Successful Participant	В
982	Westminster College	Barbara Faires	Successful Participant	В
983	York University	Huaiping Zhu	Successful Participant	Α

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