

Solvers and proposers appearing in Volume 49, Issues 1-2: pages 2-7
Solvers and proposers appearing in Volume 49, Issues 3-4: pages 8-14
Solvers and proposers appearing in Volume 49, Issues 5-6: pages 15-20

Solvers and proposers appearing in Volume 50, Issues 1-2

(Bold font indicates featured solution.)

Proposers - individuals

George Apostolopoulos, Messolonghi, Greece	4860, 4865
Michel Bataille, Rouen, France	4862, 4864, 4868
Mihaela Berindeanu, Bucharest, Romania	4851, 4863
Goran Conar, Varaždin, Croatia	4864
Ivan Hadinata, Senior High School 1 Jember, Jember, Indonesia	4855, 4866
Thanos Kalogerakis, Kiato, Greece	4867
Byungjun Lee, Seoul, South Korea	4853
Anton Mosunov University of Waterloo, Canada	4858
Pericles Papadopoulos, Athens, Greece	4861
Toyesh Sharma, St. C.F Andrews School, Agra, India	4857
Trinh Quoc Khanh Quang Nam, Viet Nam	4859
Titu Zvonaru, Comănești, Romania	4856

Proposers - collaborations

Mohamed Amine Ben Ajiba, Engineer from Mohammadia School of Engineering-Morocco, Tangier, Morocco Leonard Giugiuc, Drobeta Turnu Severin, Romania	4869
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Solvers - individuals

Ulrich Abel, Technische Hochschule Mittelhessen, Friedberg, Germany	4862, 4866
Michal Adamaszek, Copenhagen, Denmark	4861
Arkady Alt, San Jose, CA, USA	4857, 4865, 4869, OC645
Miguel Amengual Covas, Cala Figuera, Mallorca, Spain	4863, MA235
George Apostolopoulos, Messolonghi, Greece	4865, 4860
Mihika Bansal, Sega Math Academy, Belmont, ON, Canada	MA226, MA227
Roy Barbara, Lebanese University, Fanar, Lebanon	4852, 4855, 4856, 4857, 4866 , OC637, OC638, OC641, OC642 (2 solutions), OC645
Zlia Barros, Aveiro, Portugal	4855
Michel Bataille, Rouen, France	4851, 4852, 4853, 4854, 4855, 4856, 4857 , 4859, 4860, 4861, 4862, 4863, 4866 , 4868, 4870
Brian D. Beasley, Presbyterian College, Clinton, SC, USA	4855
Mihaela Berindeanu, Bucharest, Romania	4851
Soham Bhadra, Patha Bhavan, Kolkata, India	OC641, OC645
Mrinal Bhat, The Learning Centre, Mangalore, India	MA231
Paul Bracken, Edinburg, TX, USA	4868
Carlos Cardozo, Assistant Professor, Bogot, Colombia	4866
Ho Long Choi	MA230
Ioan Viorel Codreanu, Satulung Secondary School, Satulung, Maramureş, Romania	4852, 4857, OC642, OC645
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Oliver Geupel, Brühl, NRW, Germany	4852, 4861 , 4863, 4864, 4865 , 4866, 4867, OC636 , OC638, OC639, OC641 , OC642 , OC643, OC644 , OC645, S007 , S008
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Luyu Han, W.P. Wagner School, Edmonton, AB, Canada	MA228
Richard Hess, Rancho Palos Verdes, CA, USA	4855, 4856, 4870 , MA226, MA228, MA231, MA232, MA233, MA234 , MA235, OC636, OC638, OC639, OC642
Vitthal Ingle, India	MA235
Eugen Ionascu, Columbus State University, Columbus, GA, USA	4867, 4853, 4866 , 4870
Walther Janous, Innsbruck, Austria	4852, 4853, 4854, 4855, 4856, 4857, 4859, 4860, 4861, 4862, 4863, 4864, 4866 , 4867, 4868, 4870
Catherine Jian, San Jose, CA, USA	MA231, MA232 , OC638
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Theo Koupelis, Broward College, FL, USA	4851 , 4852, 4853, 4855, 4856, 4857, 4859, 4860, 4861, 4862, 4863, 4864 , 4865 , 4866 , 4867, 4868, 4870 , OC636, OC637, OC638, OC639, OC640 , OC641, OC642, OC643, OC645
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Byungjun Lee, Seoul, South Korea	4853
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Vivek Mehra, Mumbai, India	4852, 4853, 4855 (3 solutions), 4857 (3 solutions), 4860, 4861, 4863 (3 solutions), 4864 (4 solutions), 4865, 4866 (3 solutions), 4867 (2 solutions), 4868, OC638 (2 solutions), OC641 (3 solutions), OC642 (3 solutions), OC645 (5 solutions)
Antoine Mhanna, SRS, Kleiat, Lebanon	4852, 4861 , 4867
Madhav R. Modak, formerly of Sir Parashurambhau College, Dept. of Mathematics, Pune, India	4867
Anton Mosunov	4858
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Masakazu Ozeki, Saitama, Japan	4855, OC636, OC637
Yahya Nasri, Madariss Maria Tmara, Tmara, Morocco	4866
Srikanth Pai, Indian Institute of Science, Bangalore, India	4863
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Ralf Roupec, BG/BRG Freistadt, Austria	MA230
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Sarah Seales, Prescott, USA	4857
Ioannis Sfikas, Athens, Greece	OC638, OC639, OC640
Toyesh Sharma, St. C.F Andrews School, Agra, India	4857
Vishwesh Shrimali, India	MA226
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Solvers and proposers appearing in Volume 50, Issues 3-4

(Bold font indicates featured solution.)

Proposers - individuals

Yagub Aliyev, ADA University, Baku, Azerbaijan	4924
George Apostolopoulos, Messolonghi, Greece	4928, 4932
Michel Bataille, Rouen, France	4923, 4931, 4937
Mihaela Berindeanu, Bucharest, Romania	4921, 4933, 4936
Paul Bracken, Edinburg, TX, USA	4927, 4940
Nguyen Minh Ha, Hanoi University of Education, Ha Noi	4939
Ivan Hadinata, Senior High School 1 Jember, Jember, Indonesia	4925, 4938
Dong Luu, Hanoi University of Education, Vietnam	4934
Tran Nhat Quang, Ho Chi Minh City University of Education, Vietnam	4922
Daniel Sitaru, Drobeta Turnu Severin, Romania	4935
Seán M. Stewart, Bomaderry, Australia	4929
Toyesh Prakash Sharma, St. C.F Andrews School, Agra, India	4930

Proposers - collaborations

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George Apostolopoulos, Messolonghi, Greece	4890
José Luis Arregui, Universidad de La Rioja, Logrono, Spain	4881
Mihika Bansal, Sega Math Academy, Belmont, ON, Canada	MA242, MA245
Roy Barbara, Lebanese University, Fanar, Lebanon	4885, 4886, OC651, OC652, OC653, OC654 , OC655
Michel Bataille, Rouen, France	4871 , 4873, 4874, 4875, 4876 , 4877, 4878, 4879, 4880, 4883, 4885, 4886, 4887, 4888, 4889 , 4890, OC646 , OC648, OC651 , OC652, OC653, OC654
Brian D. Beasley, Presbyterian College, Clinton, SC, USA	4880, 4886 (2 solutions), 4888
Mihaela Berindeanu, Bucharest, Romania	4871
Paul Bracken, Edinburg, TX, USA	4878
James Brawner, Georgia Southern University, Savannah, GA, USA	4876 , 4877, 4878, 4880, 4881, 4882, 4885, 4886, 4888
Charles Burnette, Xavier University of Louisiana, New Orleans, LA, USA	4889
Carlos Cardozo Delgado, Assistant Professor, Bogota, Colombia	4889
Vasile Cirtoaje, Ploiesti, Romania	4884
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Angelo Farfan, Saco Oliveros, Peru	4871, 4873, 4879 , 4880
Ovidiu Furdui, Technical University of Cluj-Napoca, Romania	4889
Antonio Garcia, France	4887
Oliver Geupel, Brühl, NRW, Germany	4871, 4874, 4876, 4877, 4882, 4885, 4886, 4887, 4889, 4890 , OC646, OC648 , OC649, OC653, OC654, OC655
Jishnu Ghosh, South Point High School, Kolkata, India	4877
Orfeas-Dimitrios Giotas, 1st Model High School of Chalkida, Chalkida, Greece	MA242, MA243 , MA244, MA245
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G. C. Greubel, Newport News, VA, USA	4889
Marie-Nicole Gras, Le Bourg d'Oisans, France	4873, 4874 , 4876, 4877 , 4880, 4885, 4886 , 4887 , 4888, 4890
Ivan Hadinata, Senior High School 1 Jember, Jember, Indonesia	4873 , 4882, MA236 , MA238, MA240
Richard Hess, Rancho Palos Verdes, CA, USA	4876, 4880, 4886, MA237, MA238, MA240, MA243, MA244, MA245, OC647, OC650, OC652, OC653, OC655
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Bing Jian, San Jose, CA, USA	4886
Catherine Jian, Miller Middle School, San Jose, CA, USA	4885, 4886 , MA237 , MA238 , MA240
Thanos Kalogerakis, Kiato, Greece	4879
Parviz Khalili, Newport News, VA, USA	4874, 4885, 4886, 4888
Theo Koupelis, Broward College, FL, USA	4871, 4872 , 4873, 4874 , 4876 , 4877, 4878, 4880, 4883, 4885, 4886, 4887, 4888, 4889 , OC646, OC647, OC648 , OC650, OC651, OC652, OC653, OC654, OC655
Bogdan Lataianu, Canada	4881 , 4882, 4890
Kee-Wai Lau, Hong Kong, China	4873, 4874, 4876 , 4881, 4886, 4888
Byungjun Lee, Seoul, South Korea	4873
Bruno Levy, Brazil	OC650
John Liao, Lo-Ellen Park Secondary School, Sudbury, ON, Canada	MA242
Mardônio Luz do Amaral, Catholic University of Pernambuco, Recife-PE, Brazil	OC650
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Ahmad Maiya, Al Komait school for outstanding students, Syria, Lattakia	OC650, OC654
Muzahim Mamedov, ADA University, Baku, Azerbaijan	4880
Corneliu Manescu-Avram, Ploiesti, Romania	4874, 4885, 4886 , MA236, MA237, MA238, MA239 , MA240, MA241, MA242, MA244, OC649, OC650, OC652, OC653
Larry Andrés Matta Plaza, Sevilla, España	4875
Vivek Mehra, Mumbai, India	4872, 4874, 4876, 4877, 4885, 4886, 4887, 4890, OC646, OC651, OC653 (5 solutions), OC655 (3 solutions)
Madhav R. Modak, formerly of Sir Parashurambhau College, Dept. of Mathematics, Pune, India	4886
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Châu Phan Ngoc, Ho Chi Minh University of Science, Bình Định, Việt Nam	4872
Rovsen Pirkuliyev, Sumqait, Azerbaijan	MA238, MA240, OC650
Ángel Plaza, University of Las Palmas de Gran Canaria, Spain	4878
C.R. Pranesachar, Indian Institute of Science, Bangalore, India	4871, 4872, 4873, 4874, 4875 , 4876, 4877, 4878, 4879, 4880, 4883, 4885, 4886, 4887 , 4888, OC646, OC648, OC650, OC652, OC653, OC654
Anudeep Prashanth, The Learning Centre Pre-University College, Mangalore, India	OC654

Cao Minh Quang, Nguyen Binh Khiem High School, Vietnam	4887, 4890
Henry Ricardo, Tappan, NY, USA	4878, MA242
Cristóbal Sánchez-Rubio, I.B. Penyagolosa, Castellón, Spain	4876, 4885
Volkhard Schindler, Berlin, Germany	4878
Austin Shapiro, Proof School, San Francisco, CA, USA	4880
Toyesh Sharma, St. C.F Andrews School, Agra, India	4875
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Jason Smith, Richland Community College, Decatur, IL, USA	4885, 4886, OC646, OC650, OC653
Sean Stewart, King Abdullah University of Science and Technology, Thuwal, Saudi Arabia	4878, 4886
Vasile Teodorovici, Ottawa, ON, Canada	OC648, OC650, OC653
Daniel Văcaru, National Economical College Maria Teiuleanu, Pitești, Romania	MA242, OC652, OC653
Florentin Vișescu, C. N. Mihai Eminescu, București, Romania	4877
Wenbo Wang,	MA236, MA237, MA240, MA241 , MA242, MA243, MA244, MA245, OC650, OC653
Lienhard Wimmer, Nta, Isny, Germany	4876, 4877, 4885, 4886, 4888, MA240
Konstantine Zelator, University of Pittsburgh, Pittsburgh, PA, USA	4886, MA239, OC650, OC654
Titu Zvonaru, Comănești, Romania	4885, 4886, 4887

Solvers - collaborations

Manuel Bello, Manuel Benito, Óscar Ciaurri and Emilio Fernández, Universidad de La Rioja, Logroño, Spain	4878, 4880, 4882, 4883, 4885, 4886, 4888
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Raymond Mortini, Universite de Lorraine, Metz, France Rudolf Rupp, TH Nurnberg, Germany	4889
Missouri State University Problem Solving Group, Springfield, MO, USA	MA238
UCLan Cyprus Problem Solving Group, Pyla, Cyprus	4871, 4873, 4875, 4876, 4877, 4878, 4879, 4880 , 4881, 4882, 4883 , 4884 , 4885, 4886, 4887, 4888, 4889, 4890, OC646 , OC647 , OC648, OC649 , OC650 , OC651, OC652, OC653, OC654, OC655

Solvers and proposers appearing in Volume 50, Issues 5-6

(Bold font indicates featured solution.)

Proposers - individuals

Yagub Aliyev, ADA University, Baku, Azerbaijan	4960
George Apostolopoulos, Messolonghi, Greece	4947, 4957
Michel Bataille, Rouen, France	4941, 4950, 4951, 4953
Mihaela Berindeanu, Bucharest, Romania	4943, 4948, 4952
Goran Conar, Varaždin, Croatia	4949
Vasile Cirtoaje, Ploiesti, Romania	4944, 4955
Sicheng Du, Shenzhen Middle School, Shenzhen, China	4954
Ivan Hadinata, Senior High School 1 Jember, Jember, Indonesia	4942
Hung Nguyen Viet, Hanoi University of Science, Vietnam	4958
Daniel Sitaru, Drobeta Turnu Severin, Romania	MA271, 4945
Toyesh Sharma, St. C.F Andrews School, Agra, India	4956
Chikara Tsugawa, Tokio, Japan	4946

Proposers - collaborations

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Miguel Amengual Covas, Cala Figuera, Mallorca, Spain	4898
Jean-Claude Andrieux, Beaune, France	4905
George Apostolopoulos, Messolonghi, Greece	4898
José Luis Arregui, Universidad de La Rioja, Logrono, Spain	4896 (2 solutions)
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Mihika Bansal, Sega Math Academy, Belmont, ON, Canada	MA250, MA252
Roy Barbara, Lebanese University, Fanar, Lebanon	4896, 4898, 4899, 4900 , 4904, 4905, 4906, OC661, OC664, OC665
Michel Bataille, Rouen, France	4891, 4893 , 4894 , 4895 (2 solutions), 4896, 4897, 4898, 4900 , 4901, 4902, 4903, 4905, 4907, 4908 , 4909, OC657, OC658, OC660 , OC664, OC665
Brian D. Beasley, Presbyterian College, Clinton, SC, USA	4905, 4906
Mihaela Berindeanu, Bucharest, Romania	4891, 4908
Paul Bracken, Edinburg, TX, USA	4893, 4894, 4903, 4905, 4909, 4910
Brian Bradie, Christopher Newport University, VA, USA	4905
James Brawner, Georgia Southern University, Savannah, GA, USA	4897, 4898, 4899, 4900, 4903, 4904, 4905, 4908
Carlos Cardozo, Assistant Professor, Bogota, Colombia	4893, 4896
Prithwjit De, Homi Bhabha Centre for Science Education, Mumbai, India	4896, 4898, 4901, 4902 , 4904, 4905, 4907, OC658

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Giuseppe Fera, Vicenza, Italy	4900, 4901, 4903, 4905, 4910
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Oliver Geupel, Brühl, NRW, Germany	4891, 4893, 4894, 4897, 4901, 4902, 4904, OC661 , OC663, OC665
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Ivan Hadinata, Senior High School 1 Jember, Jember, Indonesia	4896, 4901, 4902, 4904, 4905, 4906, 4908, OC664, OC665
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Shideh Jahangiri, Ahvaz, Iran	MA249
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Catherine Jian, San Jose, CA, USA	MA246
Bing Jiang, San Jose, CA, USA	4898, 4904, 4907, 4908, MA250
Parviz Khalili, Newport News, VA, USA	4898, 4899, 4901, 4905, 4908
Theo Koupelis, Broward College, FL, USA	4891 , 4892, 4893, 4894, 4895, 4896, 4897, 4898, 4899, 4900 , 4901, 4902, 4903, 4904, 4905, 4906, 4907 , 4908, 4910, OC656, OC657 , OC658 , OC660, OC661, OC664, OC665, OC658, OC661
Piyush Kumar Jha, Rishabh Public School, New Delhi, India	OC664
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Bogdan Lataianu, Canada	4893, 4900
Kee-Wai Lau, Hong Kong, China	4894 , 4898, 4899, 4901, 4902, 4905, 4907, 4908
Corneliu Manescu-Avram, Ploiesti, Romania	OC657, 4899, 4900 , 4901, 4902 , 4904, 4905, MA254
Vivek Mehra, Mumbai, India	4896 (2 solutions), 4898 (2 solutions), 4899, 4904, 4905, 4906, OC664, OC665, 4899, 4906
Antoine Mhanna, SRS, Kleiat, Lebanon	4852, 4899 , 4900
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Ángel Plaza, University of Las Palmas de Gran Canaria, Spain	4905, 4906
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Anudeep Prashanth, The Learning Centre Pre-University College, Mangalore, India	OC658
Cao Minh Quang, Nguyen Binh Khiem High School, Vietnam	4905
Peiró i Estruch Ricard, València, Spain	MA248, MA250
Henry Ricardo, Tappan, NY, USA	4894, 4900, MA252 , OC657
Joseph Santmyer,	4894
Ioannis Sfikas, Athens, Greece	4905, 4906 , OC664, OC665
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Tamin Tamin,	MA249
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Solvers - collaborations

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