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

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## 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
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## 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

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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, <b>4866</b> , OC637, OC638, OC641, OC642 (2 solutions), OC645
Zlia Barros, Aveiro, Portugal	4855
Michel Bataille, Rouen, France	4851, 4852, 4853, 4854, 4855, 4856, <b>4857</b> , 4859, 4860, 4861, 4862, 4863, <b>4866</b> , 4868, <b>4870</b>
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	<b>MA230</b>
Ioan Viorel Codreanu, Satulung Secondary School, Satulung, Maramureş, Romania	4852, 4857, OC642, OC645
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Oliver Geupel, Brühl, NRW, Germany	4852, <b>4861</b> , 4863, 4864, <b>4865</b> , 4866, 4867, <b>OC636</b> , OC638, OC639, <b>OC641</b> , <b>OC642</b> , OC643, <b>OC644</b> , OC645, <b>S007</b> , <b>S008</b>
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Catherine Jian, San Jose, CA, USA	MA231, <b>MA232</b> , <b>OC638</b>
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Antoine Mhanna, SRS, Kleiat, Lebanon	4852, <b>4861</b> , 4867
Madhav R. Modak, formerly of Sir Parashurambhau College, Dept. of Mathematics, Pune, India	<b>4867</b>
Anton Mosunov	<b>4858</b>
Moubinool Omarjee Lyce Henri IV, Paris, France	<b>4870</b>
Masakazu Ozeki, Saitama, Japan	4855, OC636, OC637
Yahya Nasri, Madariss Maria Tmara, Tmara, Morocco	<b>4866</b>
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Hossaena Tedla, ADA University, Baku, Azerbaijan	OC641, OC642
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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
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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, <b>OC654</b> , OC655
Michel Bataille, Rouen, France	<b>4871</b> , 4873, 4874, 4875, <b>4876</b> , 4877, 4878, 4879, 4880, 4883, 4885, 4886, 4887, 4888, <b>4889</b> , 4890, <b>OC646</b> , OC648, <b>OC651</b> , 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	<b>4876</b> , 4877, 4878, 4880, 4881, 4882, 4885, 4886, 4888
Charles Burnette, Xavier University of Louisiana, New Orleans, LA, USA	<b>4889</b>
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Angelo Farfan, Saco Oliveros, Peru	4871, 4873, <b>4879</b> , 4880
Ovidiu Furdui, Technical University of Cluj-Napoca, Romania	<b>4889</b>
Antonio Garcia, France	4887
Oliver Geupel, Brühl, NRW, Germany	4871, 4874, 4876, 4877, 4882, 4885, 4886, 4887, 4889, <b>4890</b> , OC646, <b>OC648</b> , OC649, OC653, OC654, OC655
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Orfeas-Dimitrios Giotas, 1st Model High School of Chalkida, Chalkida, Greece	MA242, <b>MA243</b> , MA244, MA245
Guillermo Gonzalez Fernandez, Naperville, USA	4880
G. C. Greubel, Newport News, VA, USA	<b>4889</b>
Marie-Nicole Gras, Le Bourg d'Oisans, France	4873, <b>4874</b> , 4876, <b>4877</b> , 4880, 4885, <b>4886</b> , <b>4887</b> , 4888, 4890
Ivan Hadinata, Senior High School 1 Jember, Jember, Indonesia	<b>4873</b> , 4882, <b>MA236</b> , MA238, <b>MA240</b>
Richard Hess, Rancho Palos Verdes, CA, USA	4876, 4880, 4886, MA237, MA238, MA240, MA243, MA244, MA245, OC647, OC650, OC652, OC653, <b>OC655</b>
David Huckaby, Angelo State University, San Angelo, USA	4888

Hung Nguyen Viet, Hanoi University of Science, Vietnam	4887
Vitthal Ingle, India	<b>MA238</b>
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Eugen Ionascu, Columbus State University, Columbus, GA, USA	4878
Walther Janous, Innsbruck, Austria	4871, 4872, 4874, 4875, 4876, 4877, 4878, 4880, 4881, 4882, 4883, 4884, 4885, 4886, 4887, 4888, <b>4889</b>
Bing Jian, San Jose, CA, USA	4886
Catherine Jian, Miller Middle School, San Jose, CA, USA	4885, <b>4886</b> , <b>MA237</b> , <b>MA238</b> , MA240
Thanos Kalogerakis, Kiato, Greece	4879
Parviz Khalili, Newport News, VA, USA	4874, 4885, 4886, 4888
Theo Koupelis, Broward College, FL, USA	4871, <b>4872</b> , 4873, <b>4874</b> , <b>4876</b> , 4877, 4878, 4880, 4883, 4885, 4886, 4887, 4888, <b>4889</b> , OC646, OC647, <b>OC648</b> , OC650, OC651, OC652, OC653, OC654, OC655
Bogdan Lataianu, Canada	<b>4881</b> , 4882, <b>4890</b>
Kee-Wai Lau, Hong Kong, China	4873, 4874, <b>4876</b> , 4881, 4886, 4888
Byungjun Lee, Seoul, South Korea	4873
Bruno Levy, Brazil	OC650
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Muzahim Mamedov, ADA University, Baku, Azerbaijan	4880
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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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Srikanth Pai, Indian Institute of Science, Bangalore, India	4871
Pericles Papadopoulos, Athens, Greece	4885
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Anudeep Prashanth, The Learning Centre Pre-University College, Mangalore, India	OC654

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Henry Ricardo, Tappan, NY, USA	4878, MA242
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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, <b>MA241</b> , MA242, MA243, MA244, MA245, OC650, OC653
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Missouri State University Problem Solving Group, Springfield, MO, USA	MA238
UCLan Cyprus Problem Solving Group, Pyla, Cyprus	4871, 4873, 4875, 4876, 4877, 4878, 4879, <b>4880</b> , 4881, 4882, <b>4883</b> , <b>4884</b> , 4885, 4886, 4887, 4888, 4889, 4890, <b>OC646</b> , <b>OC647</b> , OC648, <b>OC649</b> , <b>OC650</b> , OC651, OC652, OC653, OC654, OC655

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## Proposers - individuals

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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
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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
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## Proposers - collaborations

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George Apostolopoulos, Messolonghi, Greece	4898
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Michel Bataille, Rouen, France	4891, <b>4893</b> , <b>4894</b> , <b>4895</b> (2 solutions), 4896, 4897, 4898, <b>4900</b> , 4901, 4902, 4903, 4905, 4907, <b>4908</b> , 4909, OC657, OC658, <b>OC660</b> , OC664, <b>OC665</b>
Brian D. Beasley, Presbyterian College, Clinton, SC, USA	4905, 4906
Mihaela Berindeanu, Bucharest, Romania	4891, <b>4908</b>
Paul Bracken, Edinburg, TX, USA	4893, 4894, 4903, 4905, 4909, 4910
Brian Bradie, Christopher Newport University, VA, USA	4905
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Luu Dong, Hanoi University of Education, Hanoi, Vietnam	4892
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Emilio Fernandez, University of La Rioja, Logroño, Spain	4891, 4893, 4894, 4895, <b>4897</b> , 4898, 4899, <b>4900</b> , 4901, 4902, 4903, 4904, 4905, 4906, 4907, 4908, 4909, 4910
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Oliver Geupel, Brühl, NRW, Germany	4891, 4893, 4894, 4897, 4901, 4902, 4904, <b>OC661</b> , OC663, OC665
Mainak Ghosh, Indian Statistical Institute, Bengaluru	4896
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Marie-Nicole Gras, Le Bourg d'Oisans, France	<b>4891</b> , 4895, 4896, 4897, 4898, 4899, 4900, 4901, <b>4902</b> , 4904, <b>4905</b> , 4906, 4907, 4908, 4909
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
Walther Janous, Innsbruck, Austria	4891, 4892, 4893, 4894, 4895, 4896, 4897, 4898, <b>4900</b> , 4901, 4902, 4903, 4904, 4905, 4906, 4907, 4908, 4909, 4910
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Bing Jiang, San Jose, CA, USA	4898, 4904, 4907, 4908, MA250
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Kee-Wai Lau, Hong Kong, China	<b>4894</b> , 4898, 4899, 4901, 4902, 4905, 4907, <b>4908</b>
Corneliu Manescu-Avram, Ploiesti, Romania	OC657, 4899, <b>4900</b> , 4901, <b>4902</b> , 4904, 4905, MA254
Vivek Mehra, Mumbai, India	4896 (2 solutions), 4898 (2 solutions), 4899, 4904, 4905, 4906, OC664, OC665, 4899, 4906
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Madhav R. Modak, formerly of Sir Parashurambhau College, Dept. of Mathematics, Pune, India	4898, 4899, 4902, 4904, 4907, 4908
Cristinel Mortici, Valahia University of Târgoviste, Romania	4906
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Masakazu Ozeki, Saitama, Japan	4893, 4894, <b>4900</b> , 4904, 4905, 4906, 4907, 4909
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C.R. Pranesachar, Indian Institute of Science, Bangalore, India	4893, 4894, <b>4900</b> , 4892, 4895, 4896, 4897, 4898, 4899, 4901, 4902, 4903, 4904, 4905, 4906, 4907, 4908, 4909, OC657, OC658, OC660, OC665
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Vacaru, Daniel, Maria Teiuleanu National Economic College, Pitesti, Romania	4930, MA263, MA264, MA265
Van Phu, Hoang, Phan Boi Chau High School, Vinh City, Nghe An, Vietnam	OC667
Wang, Wenbo, Sir Winston Churchill Secondary School, Vancouver, BC	MA256, MA258
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