

МИНИСТЕРСТВО НАУКИ И ОБРАЗОВАНИЯ РОССИЙСКОЙ ФЕДЕРАЦИИ

**МОСКОВСКИЙ АВИАЦИОННЫЙ ИНСТИТУТ
(НАУЧНО-ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ)**

**ЖУРНАЛ
по исследовательской практике
(индивидуальный план)**

Студенты :

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Команда:

MAI #41: Bronnikov, Veltman, Zhivvykh

Институт №8 "Информационные технологии и прикладная математика"

Москва, 2020

Сводная таблица за осень 2020

Контесты

Дата контеста	Название контеста	Место проведения	Время проведения		Результат
			начало	конец	Решенные задачи
2020/09/27	Grand Prix of Eurasia	Дистанционно	11 00	16 15	1, 2, 7
2020/10/11	Grand Prix of Korea	Дистанционно	11 00	16 15	4
2020/10/25	МАИ 20-21 своя тренировка 1	Дистанционно	11 00	16 15	C, D, G, J
2020/11/01	Grand Prix of Siberia	Дистанционно	11 00	16 15	1, 7, 9, 10
2020/11/08	Grand Prix of Weihai	Дистанционно	11 00	16 15	B, I, M, N, O, P
2020/11/15	International Collegiate Programming Contest 2020/2021 Moscow Regional Contest	Дистанционно	11 00	16 15	A, B, C, D, F
2020/11/22	Regional 1. Northwestern Russia 2020	Дистанционно	11 00	16 15	A, B, D, I
2020/11/29	Grand Prix of NorthBeach	Дистанционно	11 00	16 15	D, K, L, M
2020/12/20	Grand Prix of Xiaomi	Дистанционно	11 00	16 15	N, O, P, Q, R
2020/10/25	Дорешивание МАИ 20-21 своя тренировка 1	Дистанционно	16 15	20 00	K
2020/10/11	Дорешивание Grand Prix of Korea	Дистанционно	16 15	20 00	2, 11
2020/10/25	Дорешивание МАИ 20-21 своя тренировка 1	Дистанционно	16 15	20 00	K

Явка

Дата контеста	Название конкурса	Присутствующие
2020/09/27	Grand Prix of Eurasia	Живых, Бронников, Вельтман
2020/10/11	Grand Prix of Korea	Живых, Бронников, Вельтман
2020/10/25	МАИ 20-21 своя тренировка 1	Живых, Бронников, Вельтман
2020/11/01	Grand Prix of Siberia	Живых, Бронников, Вельтман
2020/11/08	Grand Prix of Weihai	Живых, Бронников, Вельтман
2020/11/15	International Collegiate Programming Contest 2020/2021 Moscow Regional Contest	Живых, Бронников, Вельтман
2020/11/22	Regional 1. Northwestern Russia 2020	Живых, Бронников, Вельтман
2020/11/29	Grand Prix of Northbeach	Живых, Бронников, Вельтман
2020/12/20	Grand Prix of Xiaomi	Живых, Бронников, Вельтман

Standings

Grand Prix of Eurasia

Place	Team name	1 29/77	2 11/90	3 0/0	4 0/1	5 1/11	6 3/17	7 25/40	8 1/23	9 3/14	10 3/13	Total	Time	Dirt	Rating	SE
1.	Moscow IPT 220: Adzhima, Lakhtin, Zhavoronkov	+2 0:16	+1 1:04	-	-	+5 3:31	+1 3:39	+	+11 4:58	+2 1:57	+4 1:17	8	1550	76%	200.00	0.69
2.	MAI #11: Abdykerimov, Iniutin, Lyashun	+	+3 2:37	-	-	-	+9 4:33	+	-	+2 1:41	+4 3:04	6	1122	75%	145.16	0.60
3.	Yerevan SU 3: Aghamalyan, Grigoryan, Tsirunyan	+1 0:49	+1 3:42	-	-	-	+1 2:12	+	-4 4:52	-	-	4	470	42%	93.75	0.45
4.	spiker	+	+3 2:15	-	-	-5 4:58	-	+	-	+1 3:47	-	4	504	50%	90.91	0.45
5.	Noobies: Khalil Asadzade, Gunel Huseynli, Abdullah Kazimov	+	+1 1:51	-	-	-	-3 3:25	+	-	-	-	3	163	25%	66.18	0.30
6.	MAI #34: Naumov, Nurmammedov, Sin	+	+	-	-	-	-	+	-	-	-	3	235	0%	64.29	0.30
7.	MAI #6: Bridzhidy, Nikitin	+	+1 3:56	-	-	-	-	+	-	-	-	3	321	25%	62.50	0.30
8.	MAI #41: Bronnikov, Veltman, Zhiviykh	+1 0:34	+2 2:09	-	-	-	-	+	-	-	-	3	377	50%	60.81	0.30

Grand Prix of Korea

Мои посылки							
№	Когда	Кто	Задача	Язык	Вердикт	Время	Память
95292833	04:28:52	MAI#41: max_from_msknord41	K - Square, Not Rectangle	GNU C++17	Полное решение	576 мс	9600 КБ
95290681	03:53:32	MAI#41: max_from_msknord41	K - Square, Not Rectangle	GNU C++17	Неправильный ответ на тесте 4	31 мс	0 КБ
95290222	03:45:44	MAI#41: max_from_msknord41	K - Square, Not Rectangle	GNU C++17	Неправильный ответ на тесте 3	15 мс	0 КБ
95290132	03:44:31	MAI#41: max_from_msknord41	K - Square, Not Rectangle	GNU C++17	Неправильный ответ на тесте 3	30 мс	0 КБ
95289856	03:40:03	MAI#41: max_from_msknord41	K - Square, Not Rectangle	GNU C++17	Неправильный ответ на тесте 3	15 мс	0 КБ
95285845	02:55:47	MAI#41: max_from_msknord41	K - Square, Not Rectangle	GNU C++17	Неправильный ответ на тесте 3	31 мс	0 КБ
95281367	01:57:31	MAI#41: max_from_msknord41	D - Fix Wiring	GNU C++17	Полное решение	46 мс	100 КБ
95281302	01:56:55	MAI#41: max_from_msknord41	B - Bombs In My Deck	GNU C++17	Полное решение	31 мс	0 КБ

МАИ 20-21 своя тренировка 1

№	Кто	=	Штраф	A	B	C	D	E	F	G	H	I	J	K
1	МАИ#0: ssor96	8	1206		+4 00:45	+ 00:08	+1 04:38	-2	+ 04:49	+1 02:19	+2 01:37	+ 01:52	+ 01:18	
2	МАИ #5: Artemiev, Maksimov, Uskov: AIMax, pardus, AmDer	8	1373		+ 01:37	+1 00:47	+9 01:43	-3		+2 03:18	+1 02:25	+2 02:23	+ 01:16	+6 02:24
3	(mai#11) DemonioProgramming(Абдыкеримов, Инютин, Ляшун): Prianiq, tumaryui, EngineerLX	7	1044		+6 04:45	+ 00:19	+ 01:00	-2		-4	+ 03:09	+2 03:16	+ 01:18	+1 00:37
4	МАИ #15: Charioterrr, troI53, iIya89099	6	1201	-2	-1	+ 00:39	+2 03:06			-1	+2 02:36	+1 03:23	+9 02:48	+4 01:29
5	Alveus Canibus: Faceman, ArtDub, yaraslav_pos	6	1332			+1 01:22	+2 03:09			-1	+4 03:38	+3 04:42	+ 01:46	+4 02:55
6	МАИ #23: Коротков, Лейченко, Попов: MAI_23	5	727		-2	+ 01:03	+ 03:18				+2 00:43		+2 01:06	+3 03:37
7	Ave code: 3nippo, andrleew, Sophistik	5	907			+2 00:57	+3 02:09			-1	+2 03:04	+4 04:19	+3 01:18	-3
8	МАИ #20: Artyom_Barov, andrew631, buldrome76	5	1001	-1	-4	+ 00:39	+5 04:13				+1 03:18	+ 03:31	+2 02:20	-2
9	вердана 14 жидна: kisasexupantera94, sunny_lera, ya_ne_xoxoi_ya_kiborg	4	607	-1		+1 00:38	+ 01:30				+3 03:54	-1	+2 02:05	-12
10	МАИ #38: Кулинов, Кузьмичев, Орозбакиев: einstein225	4	790	-4		+1 01:08	+6 02:34				+7 03:56		+1 00:32	-4
11	МАИ #45: Zhivaley, Kasimov, Patrikeeva: patrikeyeva, magomed_koder, QElderDelta	4	819	-3		+1 01:03	+7 04:26				-1		+2 01:59	+ 02:51
12	МАИ #44: Vakhramyan, Kosogrov, Simonov: _keoni_, vebcreatex, consky	4	999	-1		+3 00:32	+8 02:01				-2		+ 01:07	+13 04:59
13	МАИ#41: almren, max_from_msknord41, m4ximqaCarry	4	1010			+1 01:59	+1 04:07			+2 04:57			+3 03:27	-13
14	МАИ #35: Коростелев, Трофимов, Черемисинов: Schizophrenia, DmitryK., ZeroArmor	4	1090		-4	+8 01:03	+13 04:30			-2	-4	+2 03:01	+ 01:56	-7
15	МАИ #26: Krassotkin, Revunov, Fedorov: protaxY, HeIteR1_SoS-Sat-1, Velosiperdist	3	417		-3	+3 00:44	+2 00:42				-9		+3 02:51	-5
13	sknord41: almren, max_from_msknord41, m4ximqaCarry	4	1010			+1 01:59	+1 04:07			+2 04:57			+3 03:27	-13

Grand Prix of Siberia

Place	Team name	1 31/141	3 2/12	4 1/13	5 0/1	7 15/51	9 10/18	10 26/45	11 18/32	12 4/5	13 7/9	Total	Time	Dirt	SE
1.	UAIC #1 (Banu, Vintur, Lungu)	+ 0:07	+4 2:35	-	-	+2 1:03	+1 1:01	+1 0:23	+3 2:11	+ 3:24	+ 3:11	8	1059	57%	0.63
2.	Vilnius U: Hope It Passes (Justas Leimonas, Dominykas Marma, Audrius Mardosas)	+1 0:13	-4 3:22	+12 3:23	-	+ 0:33	+ 0:47	+ 0:12	+1 2:59	+ 3:51	+ 3:35	8	1194	63%	0.63
3.	Vilnius U: 5€engineers (Žygimantas Remeika, Alina Paliulionytė, Mantas Kryževičius)	+4 0:46	+2 2:46	-	-	+ 0:28	+ 0:32	+ 0:17	+ 2:59	-1 3:51	+1 3:32	7	821	50%	0.59
4.	МАИ #11: Abdykerimov, Iniutin, Lyashun	+1 1:01	-	-	-	+ 1:11	+2 2:22	+ 0:17	+2 2:43	+ 3:13	+ 3:21	7	952	41%	0.58
5.	ADA U: Road to the final: Huseyn Hajiyeve, Ibrahim Taghizade, Alakbar Askarov	+3 0:22	-	-	-	+ 0:59	+1 3:23	+ 0:47	+ 3:30	+ 3:37	+ 3:50	7	1070	36%	0.58
6.	spiker	+2 0:23	-	-	-	+ 1:17	+ 1:36	+ 0:39	+ 1:50	-	-	5	387	28%	0.47
7.	Yerevan SU 3: Aghamalyan, Grigoryan, Tsurunyan	+2 0:23	-	-	-	+ 3:22	+ 2:36	+ 1:04	+ 3:43	-	-	5	710	28%	0.47
8.	МАИ #21: Mazin, Mikhailova, Rozhdestvenskikh	+2 0:52	-	-	-	+3 0:56	-	+ 1:27	+ 3:23	-	+ 3:52	5	731	50%	0.49
9.	Vilnius U: team (Nojus Gudinavičius)	+3 0:40	-	-	-	+3 1:48	+ 3:35	+1 1:13	+1 3:45	-	-	5	824	61%	0.47
10.	МАИ #15: Savrov, Semenov, Skvortsov	+ 0:18	-	-	-	+ 1:41	-	+ 1:00	+ 3:03	-	-	4	364	0%	0.41
11.	МАИ #36: Vankov, Dubinin, Poskryakov	+3 0:24	-	-	-	+1 2:34	-	+ 1:15	+ 3:55	-	-	4	569	50%	0.41
12.	МАИ #20: Barsov, Nogaev, Petrosyan	+ 0:59	-	-	-	+ 3:37	-	+ 1:10	+ 3:51	-	-	4	579	0%	0.41
13.	МАИ #45: Zhivaley, Kasimov, Patrikeeva	+1 0:43	-	-	-	+4 3:33	-	+ 1:13	+ 3:45	-	-	4	655	55%	0.41
14.	МАИ #41: Bronnikov, Veltman, Zhivykh	+3 0:48	-	-	-	+ 3:13	+ 2:41	+ 3:45	-	-	-	4	689	42%	0.46
15.	Vilnius U: Quantum Pigeons (Gabrielius Keibas, Pijus Petkevičius, Arnas Stonkus)	+4 0:50	-	-	-	-	+1 1:38	+ 3:13	-	+1 3:46	-	4	689	60%	0.46
16.	МАИ #23: Korotkov, Leychenko, Popov	+2 1:30	-	-	-	+2 3:01	-	+1 2:24	+ 3:40	-	-	4	736	55%	0.41

Grand Prix of Weihai

	Kazimov																		
34.	MAI #41: Bronnikov, Veltman, Zhiviykh	+3 1:20	-	-	-	-	+2 2:44	-	-1 3:19	+2 2:05	+	+	+	+	6	574	53%	75.13	0.13
35	mel-34	+3	-	-	-	-	+	-	-6	+	+1	+	+2	6	618	50%	74.43	0.13	

International Collegiate Programming Contest 2020/2021 Moscow Regional Contest

Yandex (Moscow Regional Contest 2020

English Enter

MRC-2020. Main Contest

23 Dec 2020, 20:37:35

start: 15 Nov 2020, 11:05:00

end: 15 Nov 2020, 16:05:00

duration: 05:00:00

Standings Participants

Last success: D, **Moscow AI #46** (Sergey Filippov, Aleksey Shorokhov, Ilya Chernenko)
04:59

Last submit: E,

NUST MISiS: Zhmykh Squad (Darya Kolesnikova, Alexander Glasov, Mikhail Lipanin)
04:59

	Participant	A	B	C	D	E	F	G	H	I	J	Score	Penalty
		276/342	231/448	229/644	215/632	23/553	124/676	111/356	55/680	17/48	0/42		
46	Moscow AI #41 (Maksim Bronnikov, Lina Veltman, Maksim Zhiviykh)	+ 00:08	+4 02:03	+6 03:16	+ 02:04	—	+ 04:04	—	—	—	—	5	896

Regional 1. Northwestern Russia 2020

[Standings](#) [Problems](#) [Submissions](#) [Participants](#)

Last success: F,

WARush (EvrikSan, crashmaster8497@gmail.com, dugarbadagarovs@gmail.com)
, 04:59

Last submit: F,

WARush (EvrikSan, crashmaster8497@gmail.com, dugarbadagarovs@gmail.com)
, 04:59

#	Participant	A	B	C	D	E	F	G	H	I	J	K
		60/76	59/61	29/141	41/86	21/123	24/71	5/44	2/14	58/144	2/6	5/43
41	MAI #41 Bronnikov, Veltman, Zhiviykh	+	+	-6	+	—	—	—	—	+	—	—
		00:23	00:19	04:40	01:06					01:25		

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Grand Prix of Northbeach

XXI Open Cup named after E.V. Pankratiev. Grand Prix of NorthBeach, Division 2.

Last success: 04:58:25, spiker, problem D

Last Submit: 04:59:58, MAI #39: Aleksiuina, Sinyavsky, Usacheva, problem A

Place	Team name	A	B	C	D	E	H	I	K	L	M	Total	Time	Dirt	SE
		6/111	0/74	4/24	19/59	0/41	0/0	0/2	49/58	39/149	47/86				
1.	Mordovia SU #0: Plotnikova, Martynov, Deniskin	+2	-5	+1	+1	-	-	-	+	+1	+	6	524	45%	0.46
		2:59	4:52	1:11	1:50				0:14	0:27	0:20				
2.	MAI #29: Belousov, Sorokin, Shalar	+3	-	+2	+	-	-	-	+	+1	+1	6	669	53%	0.46
		3:00		3:09	1:19				0:17	0:51	0:10				
3.	Vilnius U: 5€engineers (Žygimantas Remeika, Alina Paliulionytė, Mantas Kryževičius)	+2	-6	+3	+	-3	-	-	+	+1	+1	6	745	53%	0.46
		3:29	4:35	3:50	2:23	4:49			0:02	0:06	0:12				
4.	MAI #13: Milko, Novikov, Chakiryan	+	-5	-	+2	-	-	-	+	+2	+1	5	552	50%	0.37
		1:30	1:50		4:26				0:11	0:52	0:31				
5.	SCH_Vilnius Lyceum: Exponential Fenwick (Aldas Lenkšas, Per Magnus Skullerud, Augustinas Jučas)	+8	-2	-10	+	-	-	-	+	+4	+	5	750	70%	0.37
		3:21	1:34	4:59	4:30				0:08	0:22	0:06				
6.	Mordovia SU #1: Kotkov, Katin, Osipov	-	-1	-	+	-	-	-	+	+1	+	4	255	20%	0.25
			1:06		3:00				0:11	0:30	0:12				
7.	MAI #35: Korostelev, Trofimov, Cheremisinov	-5	-2	-3	+2	-	-	-	+1	+	+	4	289	42%	0.25
		2:19	3:08	2:22	0:56				0:53	1:02	0:56				
8.	Mordovia SU #2: Saygin, Rotanov, Pivkin	-1	-6	-	+	-	-	-2	+	+1	+1	4	295	33%	0.25
		1:29	4:59		2:08			3:38	0:15	1:01	0:50				
9.	MAI #15: Savrov, Semenov, Skvortsov	-4	-5	-	+1	-	-	-	+	+2	+1	4	335	50%	0.25
		3:53	3:47		2:53				0:12	0:43	0:25				
10.	MAI #11: Abdykerimov, Iniutin, Lyashun	-29	-1	-	+	-	-	-	+1	+3	+	4	342	50%	0.25
		4:58	1:49		2:52				0:19	0:54	0:16				
11.	MAI #5: Artemiev, Maksimov, Uskov	-5	-1	-1	+	-	-	-	+	+3	+3	4	368	60%	0.25
		4:26	1:03	4:36	3:00				0:07	0:45	0:14				
12.	MAI #21: Mazin, Mikhailova, Rozhdestvenskikh	-5	-	-	+1	-9	-	-	+	+2	+2	4	375	55%	0.25
		4:58			2:51	4:10			0:11	0:56	0:35				
13.	MAI #9: Nevrev, Sakharin, Chabdarov	-	-	-	+2	-	-	-	+	+3	+	4	382	55%	0.25
					2:21				0:20	0:58	1:02				
14.	MAI #45: Zhivalev, Kasimov, Patrikeeva	-	-	-	+5	-	-	-	+	+	+	4	444	55%	0.25
					4:08				0:11	0:48	0:36				
15.	MAI #22: Ilarionov, Firfarov, Sharapov	-	-	-	+5	-	-	-	+1	+	+	4	555	60%	0.25
					4:00				0:52	1:17	1:04				
16.	MAI #36: Vankov, Dubinin, Poskryakov	-1	-	-	+	-	-	-	+1	+4	+1	4	594	60%	0.25
		0:51			3:29				1:00	1:20	2:03				
17.	MAI #41: Bronnikov, Veltman, Zhiviykh	-	-3	-	+1	-	-	-	+	+2	+4	4	625	63%	0.25
			1:30		2:47				0:09	0:55	4:12				
18.	MAI #34: Naumov, Nurmammedov, Sin	-	-	-	-	-	-	-	+	+	+	3	123	0%	0.12
									0:26	0:57	0:39				
19.	MAI #20: Barsov, Nogaev, Petrosyan	-	-4	-	-	-	-	-	+	+	+1	3	127	25%	0.12
			2:02						0:15	0:52	0:39				

Grand Prix of Xiaomi

XXI Open Cup named after E.V. Pankratiev. Grand Prix of Xiaomi, Division 2.

Last success: 04:55:59, MAI #28: Batyanovsky, Veprintsev, Tyuneev, problem N
Last Submit: 04:59:58, Noobies: Khalil Asadzade, Gunel Huseynli, Abdullah Kazimov, problem S

Place	Team name	B 0/7	E 0/2	G 1/9	I 3/14	J 0/0	K 11/38	N 30/95	O 34/109	P 36/121	Q 43/153	R 35/62	S 7/569	Total	Time	Dirt	SE
1.	Izhevsk STU Ne nado dumat': Musin, Yegorov, Zylev	-	-	+1 3:00	+	-	+	+	+1	-3 1:26	+	+	-8 4:59	7	763	22%	0.52
2.	MAI #29: Belousov, Sorokin, Shalar	-	-	-	-5 4:53	-	+1 2:39	+	+2 1:14	+	+	+	+3 4:04	7	841	46%	0.40
3.	Vilnius U: Hope It Passes (Justas Leimonas, Dominykas Marma, Audrius Mardosas)	-	-	-6 4:59	+5 3:09	-	+4 1:22	+3 1:29	+5 1:22	+1 0:33	+1 0:13	+	-55 4:33	7	912	73%	0.42
4.	Mordovia SU #0: Plotnikova, Martynov, Deniskin	-	-	-	+1 4:40	-	+2 2:59	+3 2:15	+1 0:06	+2 1:18	+4 1:39	+	-6 3:50	7	1070	65%	0.42
5.	MAI #11: Abdykerimov, Iniutin, Lyashun	-	-	-	-	-	+1 2:37	+	+	+1 0:34	+1 0:19	+1 1:41	+50 3:49	7	1724	88%	0.40
6.	Vilnius U: 5€engineers (Žygimantas Remeika, Alina Paliulionytė, Mantas Kryževičius)	-	-	-	-	-	+	+6 1:09	+1 0:16	+3 0:41	+1 0:29	+1 0:21	+67 3:17	7	1882	91%	0.40
7.	MAI #5: Artemiev, Maksimov, Uskov	-	-	-	-	-	+4 3:38	+	+1 1:01	+2 1:03	+1 0:52	+1 0:50	+64 2:30	7	2090	91%	0.40
8.	SCH_Vilnius Lyceum: Exponential Fenwick (Aldas Lenkšas, Per Magnus Skullerud, Augustinas Jučas)	-	-	-	-	-	+	+	+1 0:27	+1 0:24	+	+	-4 1:48	6	238	25%	0.33
9.	Mammutjager: Kupriyanov, Rakova, Chernov	-	-	-	-	-	+	+	0:30	1:02	+2 0:33	0:53	-82 4:59	6	380	33%	0.33
10.	Noobies: Khalil Asadzade, Gunel Huseynli, Abdullah Kazimov	-	-	-	-	-	+5 2:57	+2 1:21	+	+2 0:06	+8 1:38	+	-22 4:59	6	821	73%	0.33
11.	MAI #22: Ilarionov, Firfarov, Sharapov	-7 3:44	-	-	-	-	-	+	2:12	+4 0:37	+	+1 1:00	+28 3:26	6	1309	84%	0.34
12.	Yerevan SU 3: Aghamalyan, Grigoryan, Tsurunyan	-	-	-	-	-	-	+	1:46	+4 1:39	+6 2:45	+	+8 1:22	6	1382	75%	0.34
13.	MAI #35: Korostelev, Trofimov, Cheremisinov	-	-	-	-	-	-	+8 1:31	+3 2:04	+1 1:03	+17 2:57	+3 1:50	+76 3:53	6	2961	94%	0.34
14.	Vilnius U: 17 WPM (Nojus Gudiniavičius)	-	-	-	-	-	+1 2:29	+1 1:06	+	-2 0:39	+	+	-3 4:06	5	375	28%	0.35
15.	Mordovia SU #1: Kotkov, Katin, Osipov	-	-	-	-	-	-	+	0:59	+2 1:23	+2 1:13	+	-2 2:00	5	397	50%	0.24
16.	MAI #21: Mazin, Mikhailova, Rozhdestvenskikh	-	-	-	-	-	-7 4:51	+	2:06	+1 1:26	+1 1:13	+	-10 4:43	5	430	28%	0.24
17.	Mordovia SU #4: Tepaykin, Taynov, Nikashkin	-	-	-	-	-	-	+	0:55	+2 0:26	+2 1:55	+	+	5	441	44%	0.24
18.	Mordovia SU #2: Saygin, Rotanov, Pivkin	-	-	-	-	-	-2 4:48	+	0:25	+9 2:20	+	+	-2 3:13	5	531	64%	0.24
19.	MAI #20: Barsov, Nogaev, Petrosyan	-	-	-	-	-	-	+	1:59	+2 1:45	+1 1:12	+1 1:29	+1 1:21	5	547	44%	0.24
20.	MAI #9: Nevrev, Sakharin, Chabdarov	-	-	-	-	-	-	+5 2:23	+	+1 0:23	+	+	-6 4:27	5	579	54%	0.24
21.	MAI #15: Savrov, Semenov, Skvortsov	-	-	-	-	-	-	+2 2:03	+1 1:32	+3 1:46	+2 0:54	+	+	5	594	61%	0.24
22.	MAI #45: Zhivalev, Kasimov, Patrikeeva	-	-	-	-	-	-	+11 3:18	+	+1 0:56	+	+1 1:03	+	5	802	72%	0.24
23.	MAI #34: Naumov, Nurmammedov, Sin	-	-	-	-	-	-	+	3:03	+1 2:22	+3 2:12	+	+	5	828	44%	0.24
24.	MAI #46: Filippov, Chernenko, Shorokhov	-	-	-	-	-	-	+	1:01	+2 3:13	+1 1:01	+3 3:12	+4 2:05	5	834	66%	0.24
25.	MAI #28: Batyanovsky, Veprintsev, Tyuneev	-	-	-	-	-	-	+2 4:55	+	+	+1 1:53	+	+	5	1020	37%	0.24
26.	MAI #41: Bronnikov, Veltman, Zhivikh	-	-	-	-	-	-	+4 2:50	+	+1 1:45	+6 2:07	+1 2:14	-4 4:56	5	1063	70%	0.24
27.	MAI #13: Milko, Novikov, Chakiryan	-	-	-	-	-	-	+	3:11	+1 2:41	+1 2:53	+4 3:57	+	5	1133	54%	0.24

Код по всем решенным задачам хранится здесь: <https://github.com/Bronnikoff/OLIMP>