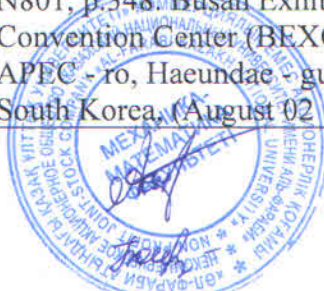


ӘЛ-ФАРАБИ АТЫНДАҒЫ ҚАЗАҚ ҰЛТТЫҚ УНИВЕРСИТЕТИ
КОШЕРБАЕВА АЙКЕН БАҚЫТЖАНОВНАНЫҢ
ҒЫЛЫМИ ЕҢБЕКТЕР ТІЗІМІ

p/c №	Еңбектерінің аты	Қолжазба немесе баспа	Баспа аты, журналдың аты (№, жыл), авторлық куәлік №	Баспа немесе бет саны,	Жұмыс серіктес авторларының фамилиясы
1	2	3	4	5	6
1.	Secular evolution of circumbinary 2-planet systems with isotropically varying masses	баспа	Monthly Notices of the Royal Astronomical Society, MNRAS 530, 2156–2165 (2024) . Advance Access publication 2024 April 16. Oxford University Press, https://doi.org/10.1093/mnras/stae1015 . Scopus (percentile 86%), Thomson Reuters (Q1)	10	Mukhtar Zh. Minglibayev, Alexander N. Prokopenya
2.	Symbolic-Numeric Computation in Modeling the Dynamics of the Many-Body System TRAPPIST	баспа	Lecture Notes in Computer Science (LNCS), 14075, pp. 469-482, 2023. Springer International Publishing, https://doi.org/10.1007/978-3-031-36024-4_36 .	14	Alexander Chichurin, Alexander Prokopenya, Mukhtar Minglibayev
3a.	Derivation of Evolutionary Equations in the Many-Body Problem with Isotropically Varying Masses Using Computer Algebra	баспа	Programming and Computer Software, 2022, Vol. 48, No. 2, pp.107-115. Pleiades Publishing, https://doi.org/10.1134/S0361768822020098	9	A. N. Prokopenya, M. Zh. Minglibayev
3b.	Построение эволюционных уравнений в задаче многих тел с изотропно изменяющимися массами с применением компьютерной алгебры.	баспа	Программирование, 2022, №2, с. 53-62, Издательство «Наука». DOI: 10.31857/S0132347422020108 url: https://sciencejournals.ru/view-article/?i=program&y=2022&v=0&n=2&a=Program2202010Prokopenya	10	А.Н. Прокопеня, М.Дж. Минглибаев
Ізденуші Ғылыми хатшы			Кошербаева А. Б. Калиева Н. Б.		



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4.	Evolution equations of the multi-planetary problem with variable masses	баспа	Proceedings of the International Astronomical Union , No 370: Winds of Stars and Exoplanets , 2023 , pp. 283 – 284. Cambridge University Press. https://doi.org/10.1017/S1743921322003611	2	M.Zh Minglibayev
5.	Differential equations of planetary systems	баспа	Reports of the National Academy of sciences of the Republic of Kazakhstan. V. 2, N. 330 (2020), pp. 14 - 20. https : // doi.org/ 10.32014/2020.2518 - 1483.26 . NAS RK. url: https://journals.nauka-nanrk.kz/reports-science/article/view/725/597	7	M. Zh. Minglibayev
6.	Equations of planetary systems motion	баспа	News of the National Academy of Sciences of the Republic of Kazakhstan. Physico-Mathematical series. V. 6, N. 334 (2020), pp. 53 - 60. NAS RK. https://doi.org/10.32014/2020.2518-1726.97	8	M. Zh. Minglibayev
7.	Evolution equations of multi-planet systems with variable masses	баспа	Journal of Mathematics, Mechanics and Computer Science. Vol 116 No 4 (2022), pp. 35-45. Al-Farabi Kazakh National University. https://doi.org/10.26577/JMMCS.2022.v116.i4.04 .	11	M.Zh.Minglibayev
8.	System of linear differential equations of secular perturbations of exoplanets with variable masses	баспа	Совместный выпуск: Вестник Национальной инженерной академии Республики Казахстан и Вычислительные Технологии Федеральный исследовательский центр информационных и вычислительных технологий, 2022, стр 134. https://acagor.kz/media/uploads/citech-2022/Proceedings.pdf	13	M.Zh.Minglibayev
9.	Evolution equations of the multi - planetary problem with variable masses	баспа	Abstract books of "XXXIst General Assembly International Astronomical Union IAUGA 2022", IAUS 370, N801, p.348. Busan Exhibition and Convention Center (BEXCO) 55 APEC - ro, Haeundae - gu Busan, South Korea, (August 02 - 11, 2022)	1	Mukhtar Minglibayev
Ізденуші Ғылыми хатшы			 Кошербаева А. Б. Калиева Н. Б.		

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10.	Equations of secular perturbations of exoplanetary systems with variable masses	баспа	Abstracts of the posters "CELMEC VIII The Eighth International Meeting on Celestial Mechanics", pp. 10-11, University of Rome Tor Vergata, Roma, Italy, (September 05-09, 2022)	2	-
11.	Investigation of the dynamic evolution of planetary systems with isotropically varying masses	баспа	Abstract book of Complex Planetary Systems II Kavli-IAU Symposium 382. pp. 42-43, Namur, Belgium, July 3-7, 2023	2	M. Zh. Minglibayev, A. N. Prokopenya
12.	The problem of many bodies with isotropically varying masses	баспа	The 28th International Conference on Applications of Computer Algebra ACA'2023. Program & Abstracts. p. 70, Warsaw University of Life Sciences (SGGW), Institute of Information Technology, Warsaw, Poland, July 17- 21, 2023	1	Mukhtar Minglibayev, Alexander Prokopenya
13.	Symbolic computation in studying the evolutionary equations in the problem of many bodies of variable masses	сайтта	Seminar on Computer Algebra, CMC faculty of MSU & CCAS Moscow, Russia (September 29, 2021) http://www.ccas.ru/sabramov/seminar/doku.php?id=archive2123	1	A.Prokopenya , M.Minglibayev
14.	Symbolic-Numeric Computation in Modeling the Dynamics of the Many-Body System Trappist	баспа	23 rd International Conference on Computational Science Czech Technical University in Prague (ICCS 2023), p. 99, Czech Technical University in Prague, Czechia, July 3-5, 2023	1	Alexander Chichurin, Alexander Prokopenya, Mukhtar Minglibayev
15.	Дифференциальные уравнения планетных систем с переменными массами	баспа	Традиционная международная апрельская математическая конференция в честь Дня работников науки Республики Казахстан, посвященная 1150-летию Абу Насыр аль-Фараби и 75-летию Института математики и математического моделирования". Тезисы докладов, с. 95-97, г. Алматы, Казахстан, (01-03 апреля, 2020)	3	-
Ізденуші Ғылыми хатшы					
			Кошербаева А. Б. Калиева Н. Б.		

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16.	Linear non-autonomous differential equations, determining secular perturbations of exoplanetary systems with variable masses	баспа	Abstract book of the International Conference «Computational and Information Technologies in Science, Engineering and Education» (CITech-2022) dedicated to the 90 th anniversary of Academician N.K. Nadirov, to the 80th anniversary of Academician M.O. Otelbaev, p. 92, (October 12-15, 2022)	1	M.Zh. Minglibayev
	Symbolic-numeric computation in modeling the dynamics of the many-body systems of variable masses	сайтта	Seminar on Computer Algebra, CMC faculty of MSU & CCAS, May 15, 2024. http://www.ccas.ru/sabramov/seminar/doku.php?id=start	1	A. Prokopenya, M. Minglibayev
17.	Массалары айнымалы планета жүйелерінің қозғалыс теңдеулері	баспа	«Фараби әлемі» атты студенттер мен жас ғалымдардың халықаралық ғылыми конференция материалдары. Алматы қ., Қазақстан, 6-9 сәуір 2020 ж. 78 б.	1	-
18.	Массалары айнымалы экзопланета жүйелерінің эволюциялық теңдеулері	баспа	«Фараби әлемі» атты студенттер мен жас ғалымдардың халықаралық ғылыми конференция материалдары. Алматы қ., Қазақстан, 6-8 сәуір 2022 ж. 59 б.	1	-
Ізденуші Ғылыми хатшы			 Кошербаева А. Б. Калиева Н. Б.		