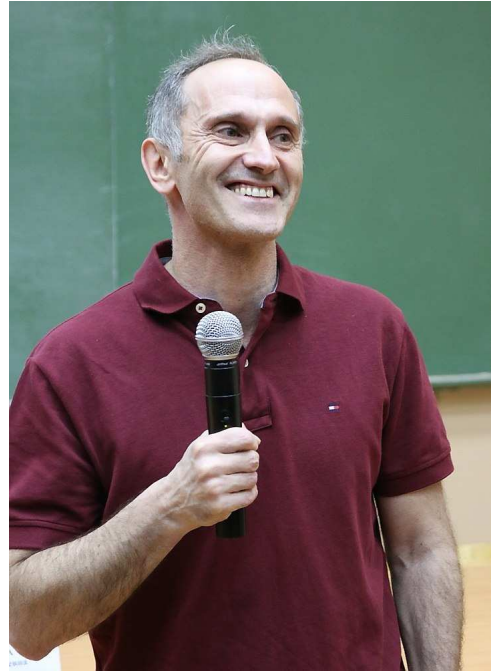


PERSONALIA

EVNIN
ALEXANDER YUREVICH
(September 24, 1960 –
November 19, 2020)



Alexander Yurevich Evnin, an Associate Professor of the Department of Applied Mathematics and Programming of the Faculty of Mathematics, Mechanics and Computer Technologies of the Institute of Natural Sciences and Mathematics of SUSU, passed away on November 19, 2020 at the age of 60.

Alexander Evnin was born on September 24, 1960 in Chelyabinsk. In 1977 he graduated from school No. 91 with a gold medal. During his school years, Mr. Evnin was repeatedly the winner of the city and regional mathematical Olympiads. In 1977 he was admitted to the Chelyabinsk Polytechnic Institute (ChPI), majoring in applied mathematics.

He graduated from the ChPI in 1982, defending his diploma with honors on "Development of a methodology for the optimal placement of material flows using a discrete space of solutions". The work investigated the plane traveling salesman problem in spaces with the Minkowski metric, with applications to the operation of the Chelyabinsk Automobile Center's warehouse. In 2000 he defended Ph.D. thesis on "Mathematical problem research as a means of developing students' creative abilities" at the Dissertation Council of Vyatka State Pedagogical University, Kirov. Mr. Evnin joined the faculty of the Department of Applied Mathematics as an Associate Professor in 2003. The circle of scientific and pedagogical interests of Mr. Evnin included discrete mathematics, education, creative student activity, mathematics Olympiad problems.

A. Yu. Evnin devoted a lot of effort and energy to organizing the mathematical Olympiad movement at SUSU. He was a coach and scientific supervisor of SUSU student teams that have successfully performed for many years in mathematics Olympiads and championships. Under his leadership, SUSU students have won or been placed at the All-Russian and International Olympiads in Yoshkar-Ola, Ufa, Tula, Yaroslavl, Kazan, Yekaterinburg, Mogilev (Republic of Belarus), Ariel (Israel), as well as at correspondence

competitions (Open International Team Olympiad , International Olympiad for University Students – mirror of William Lowell Putnam mathematical competition).

In 2009, Alexander Yu. Evnin organized the "Mathematical Competition at SUSU" – a correspondence mathematical competition for solving non-standard problems for undergraduate and graduate students, housed via the social network "Vkontakte" (at the moment there are more than 500 participants in this group and 69 contests). These competitions are attended not only by SUSU students and postgraduates, but also by representatives of Moscow and Yekaterinburg universities and amateur mathematicians from all around Russia.

A. Yu. Evnin was the initiator, organizer and permanent leader of the SUSU Open Team Olympiad in Mathematics. This Olympiad annually attracts more than 50 teams from various schools, lyceums, colleges and universities of Chelyabinsk region. 60 teams participated in the 2019 Olympiad, including teams from 5 lyceums and 4 universities in Chelyabinsk.

A. Yu. Evnin has published more than 80 journal articles in various venues, including "Kvant", "Mathematical education", "Mathematics in higher education", "Mathematics at school", and 50 textbooks and handouts, including the popular "All of Higher Mathematics" vol. 7, "Problem book on discrete mathematics", "Around Hall's theorem", "150 beautiful problems for future mathematicians", published by the Moscow publishing house URSS. Some of the books have been translated and published in Spanish.

A. Yu. Evnin was awarded the titles "Honorary Worker of Education" and "Labor veteran" by the government of the Russian Federation. He is a laureate of the SUSU Recognition Award (2013) in the "Educational Process" nomination for outstanding pedagogical excellence in coaching the winners of student mathematics Olympiads, a laureate of the Scientific World Professional Award for teachers in Chelyabinsk (2014), winner of a grant from the Dynasty Foundation, winner of the Creative Competition for Teachers of Mathematics of the Russian Federation (2013).

The departure of Mr. Evnin is an irreparable loss for the pedagogical collective of the department, faculty, institute and university.

An excellent mathematician, wonderful teacher, principled and cheerful person – Alexander Yu. Evnin will remain in the memory of his friends, colleagues and students who knew him.

*A. A. Bragina, V. L. Dilman, A. V. Gerenshtein, M. M. Goldenberg,
V. V. Karachik, M. M. Kipnis, A. V. Kungurtseva, A. S. Makarov,
E. V. Martynova, L. V. Matveeva, S. V. Matveev, L. D. Menikhes,
V. A. Strauss, G. A. Sviridyuk, P. B. Utkin, S. A. Zagrebina,
V. I. Zalyapin, A. A. Zamyshlyeva, et al.*

References

1. Krasnov M. L., Kiselev A. I., Makarenko G. I., Shikin E. V., Zalyapin V. I., Evnin A. Yu. *ALL HIGHER MATHEMATICS: Discrete Mathematics (Number Theory, General Algebra, Combinatorics, Polya Theory, Graph Theory, Matchings, Matroids)*. V. 7. URSS, 2006, 2012, 2014, 2021. (in Russian)
2. Krasnov M. L., Kiseliov A. I., Makarenko G. I., Shikin E. V., Zalyapin V. I., Evnin A. I. *Curso de Matematicas Superiores. Teoria de Numeros. Algebra General*.

- Combinatoria. Teoria de Polya. Teoria de grafos. Emparejamientos. Matroides. V. 11.* URSS, 2010. (in Spanish)
3. Evnin A. Yu. *Problem Book on Discrete Mathematics.* URSS, 2011, 2012, 2014. (in Russian)
 4. Evnin A. Yu. *Around Hall's Theorem.* URSS, 2012. (in Russian)
 5. Evnin A. Yu. *150 BEAUTIFUL Problems for FUTURE MATHEMATICS: With Detailed Solutions.* URSS, 2014. (in Russian)
 6. Evnin A. Yu. *Problemas de Matematica Discreta: Teoria de Numeros. Algebra General. Combinatoria. Teoria de Polya. Teoria de Grafos. Matroides: Mas de 400 Problemas con Soluciones Detalladas.* URSS, 2015. (in Spanish)
 7. Evnin A. Yu. *An Elementary Introduction to Matroids.* SUSU Publishing House, 2005. (in Russian)
 8. Evnin A. Yu. Two Notes on Combinatorics. *Mathematical Education*, 2000, no. 3 (14), pp. 27–34. (in Russian)
 9. Evnin A. Yu. Superdegrees and their Differences. *Mathematical Education*, 2001, no. 1 (16), pp. 68–73. (in Russian)
 10. Evnin A. Yu. Nineteen Proofs of Euclid's Theorem. *Kvant*, 2001, no. 1, pp. 35–38. (in Russian)
 11. Evnin A. Yu. The Period of the Sum of Two Periodic Functions. *Bulletin of the South Ural State University. Series: Mathematics, Physics, Chemistry*, 2005, vol. 5, no. 2 (42), pp. 56–61. (in Russian)
 12. Evnin A. Yu. Antimatroids. *Mathematical Education*, 2008, no. 1 (45), pp. 2–8. (in Russian)
 13. Evnin A. Yu. Permanent Matrix and its Calculation. *Mathematical Education*, 2008, no. 2 (46), pp. 45–49. (in Russian)
 14. Evnin A. Yu. Multiplicative Functions in Number Theory. *Mathematics in Higher Education*, 2008, no. 6, pp. 89–98. (in Russian)
 15. Evnin A. Yu. Pell's Equation. *Mathematics in Higher Education*, 2009, no. 7, pp. 89–94. (in Russian)
 16. Evnin A. Yu. An example of an Everywhere Discontinuous Bijective Mapping $f : R \rightarrow R$, the Inverse of which is Continuous in a Countable Set of Points. *Bulletin of the South Ural State University Series: Mathematics. Mechanics. Physics*, 2011, vol. 4, no. 10, pp. 38–39. (in Russian)
 17. Evnin A. Yu. Additions to Complete Latin Squares. *Mathematical education*, 2012, no. 2 (62), pp. 35–39. (in Russian)
 18. Evnin A. Yu. Polynomial as a Sum of Periodic Functions. *Bulletin of the South Ural State University Series: Mathematics. Mechanics. Physics*, 2013, vol. 5, no. 2, pp. 178–179. (in Russian)
 19. Evnin A. Yu. The method of Masses in the Geometry of a Triangle. *Mathematics at School*, 2014, no. 8, pp. 53–61. (in Russian)

ЭВНИН АЛЕКСАНДР ЮРЬЕВИЧ
(24 сентября 1960 – 19 ноября 2020)

Литература

1. Краснов, М. Л. ВСЯ ВЫСШАЯ МАТЕМАТИКА: Дискретная математика (теория чисел, общая алгебра, комбинаторика, теория Пойа, теория графов, паросочетания, матроиды) / М. Л. Краснов, А. И. Киселев, Г. И. Макаренко, Е. В. Шикин, В. И. Заляпин, А. Ю. Эвнин. – URSS, 2006, 2012, 2014, 2021.
2. Krasnov, M. L. Curso de matematicas superiores. Teoria de numeros. Algebra general. Combinatoria. Teoria de Polya. Teoria de grafos. Emparejamientos. Matroides. V. 11 / M. L. Krasnov, A. I. Kiseliyov, G. I. Makarenko, E. V. Shikin, V. I. Zaliapin, A. I. Evnin. – URSS, 2010.
3. Эвнин, А. Ю. Задачник по дискретной математике / А. Ю. Эвнин. – URSS, 2011, 2012, 2014.
4. Эвнин, А. Ю. Вокруг теоремы Холла / А. Ю. Эвнин. – URSS, 2012.
5. Эвнин, А. Ю. 150 КРАСИВЫХ задач для БУДУЩИХ МАТЕМАТИКОВ: С подробными решениями / А. Ю. Эвнин. – URSS, 2014.
6. Evnin, A. Yu. Problemas de matematica discreta: Teoria de numeros. Algebra general. Combinatoria. Teoria de Polya. Teoria de grafos. Matroides: Mas de 400 problemas con soluciones detalladas / A. Yu. Evnin. – URSS, 2015.
7. Эвнин, А. Ю. Элементарное введение в матроиды / А. Ю. Эвнин. – Изд-во ЮУрГУ, 2005.
8. Эвнин, А. Ю. Две заметки по комбинаторике / А. Ю. Эвнин // Математическое образование. – 2000. – № 3 (14). – С. 27–34.
9. Эвнин, А. Ю. Сверхстепени и их разности / А. Ю. Эвнин // Математическое образование. – 2001. – № 1 (16). – С. 68–73.
10. Эвнин, А. Ю. Девятнадцать доказательств теоремы Евклида / А. Ю. Эвнин // Квант. – 2001. – № 1. – С. 35–38.
11. Эвнин, А. Ю. Период суммы двух периодических функций / А. Ю. Эвнин // Вестник ЮУрГУ. Серия: Математика. Физика. Химия. – 2005. – Т. 5, № 2 (42). – С. 56–61.
12. Эвнин, А. Ю. Антиматроиды / А. Ю. Эвнин // Математическое образование. – 2008. – № 1 (45). – С. 2–8.
13. Эвнин, А. Ю. Перманент матрицы и его вычисление / А. Ю. Эвнин // Математическое образование. – 2008. – № 2 (46). – С. 45–49.
14. Эвнин, А. Ю. Мультипликативные функции в теории чисел / А. Ю. Эвнин // Математика в высшем образовании. – 2008. – № 6. – С. 89–98.
15. Эвнин, А. Ю. Уравнение Пелля / А. Ю. Эвнин // Математика в высшем образовании. – 2009. – № 7. – С. 89–94.

16. Эвнин, А. Ю. Пример всюду разрывного биективного отображения $f : R \rightarrow R$, обратное к которому непрерывно в счетном множестве точек / А. Ю. Эвнин // Вестник ЮУрГУ. Серия: Математика. Механика. Физика. – 2011. – Т. 4, № 10. – С. 38–39.
17. Эвнин, А. Ю. Дополнения до полных латинских квадратов / А. Ю. Эвнин // Математическое образование. – 2012. – № 2 (62). – С. 35–39.
18. Эвнин, А. Ю. Многочлен как сумма периодических функций / А. Ю. Эвнин // Вестник ЮУрГУ. Серия: Математика. Механика. Физика. – 2013. – Т. 5, № 2. – С. 178–179.
19. Эвнин, А. Ю. Метод масс в геометрии треугольника / А. Ю. Эвнин // Математика в школе. – 2014. – № 8. – С. 53–61.