

Код УГПС – 09.00.00

ИНФОРМАТИКА И ВЫЧИСЛИТЕЛЬНАЯ ТЕХНИКА

Тема 6. Выдающиеся люди родной страны и страны/стран изучаемого языка, их вклад в развитие

1. Do you know any famous mathematicians? What contributions did they make?
2. Read the text and learn about famous mathematicians of the USSR.

During the Soviet era, mathematics played a vital role in the country's scientific and technological development. Some of the most famous mathematicians in the USSR made significant contributions to the field, both within the country and internationally.

One of the most prominent mathematicians of the Soviet era was Andrei Kolmogorov. He is known for his work on probability theory, topology, and turbulence. His contributions to the study of turbulence helped revolutionize the field of fluid dynamics. Kolmogorov also developed a new approach to probability theory that is still widely used today.

Another famous Soviet mathematician was Sergei Novikov. He made significant contributions to algebraic geometry, topology, and mathematical physics. Novikov received numerous awards for his work, including the Fields Medal, which is considered one of the highest honors in mathematics.

Mark Krein was another influential Soviet mathematician. He worked on functional analysis, operator theory, and differential equations. Krein was also a founder of the Ukrainian Academy of Sciences.

Olga Ladyzhenskaya was a prominent female mathematician in the Soviet Union. She made important contributions to the study of partial differential equations and fluid dynamics. Ladyzhenskaya received many awards for her work, including the Lomonosov Gold Medal, which is the highest award given by the Russian Academy of Sciences.

Soviet Union and Russia produced many talented mathematicians who made significant contributions to the field. Their work continues to influence mathematics today.

KEY WORDS

Contribution – вклад

To contribute – делать вклад

Significant – значительный

Prominent – выдающийся

Approach – подход

Founder – основатель

Equation – уравнение

To influence – влиять

Answer the questions:

1. What is the probability theory, and how did Kolmogorov contribute to its development?
2. Who was Sergei Novikov, and what were his contributions to mathematics?
3. Were there any prominent female mathematicians in the Soviet Union, and if so, who were they and what contributions did they make?

Project task:

Choose a prominent mathematician of your field and prepare a talk about this person (up to 7 minutes). Use the plan below.

- Brief biography (educational background).
- How he/she contributed to the field.