

Essay Topics for Applicants to the PhD Program 8D05401 – Mathematics

1. Development of mathematics in Kazakhstan
2. Modern problems of differential equations
3. The current state and development of mathematics in Kazakhstan
4. Differential equations in modern science
5. Mathematics – science and profession
6. The most important discoveries of modern mathematics and their applied significance
7. Basic scientific principles of modern mathematics
8. Applications of mathematical analysis in theoretical and practical economics
9. Relevance of mathematical methods of information processing in modern life
10. Great Women of Mathematics
11. Mathematics and worldview
12. Mathematics and the modern era of space exploration
13. Modern Mathematics and Economics of modern times
14. Mapping the worldview in mathematics
15. The role of mathematics in space exploration
16. Mathematics and Modern Economics