



# **Research on the Teaching Mode of Advanced Mathematics under the Background of Curriculum Ideology and Politics**

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## **ABSTRACT**

**It is one of the goals of higher mathematics teaching to cultivate students' realistic spirit, refinement spirit, and the quality of overcoming difficulties by incorporating ideological and political elements in the advanced mathematics classroom. This article explores the methods and means of implementing ideological and political in higher mathematics courses, and deeply explores the ideological and political elements contained in higher mathematics, so as to realize the unity of ideological and political education and professional knowledge, so as to achieve the purpose of better training students' ability.**

## **METHODS**

- 1. Attach importance to communication and interaction with students in the first class.**
- 2. Cultivate students' patriotism through the history of mathematics cultivate students' thoughts of dialectical view of materialism.**
- 3. Cultivate the humanistic spirit of students through the explanation of knowledge, so as to teach others.**
- 4. Cultivate students' thoughts of dialectical view of materialism.**

## **CONCLUSION**

**Through the excavation of the content of higher mathematics teaching, the article analyses the method of incorporating ideological and political elements in the classroom of higher mathematics, and selects some typical examples to illustrate the ideological and political elements contained. Thereby increasing students' interest in learning and enhancing the teaching effect of the classroom.**