



复旦大学数学科学学院 数学综合报告会

报告题目: **Cycle classes of divisorial Maroni loci**

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摘要: Hurwitz spaces are the moduli spaces of covers of given genus and degree of the projective line. There are natural divisors in these moduli spaces that generalize the divisor that Maroni defined for trigonal covers. The problem is to calculate the cycle classes in the compactified Hurwitz spaces. We define effective cycles that extend the Maroni divisors and calculate their classes. This is joint work with Alexis Kouvidakis.

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