

MATH 495 Wednesday 5 April

Hurwitz's theorem

To be discussed Friday 7 April / turned in Monday 10 April

- (1) Finish Exercise 3.1, begun in the lecture. (Why can't a degree 2 divisor on a genus 2 curve be very ample?)
- (2) Chapter IV, exercise 3.8. (It will be helpful to look for ideas from the proof of Samuel's theorem.)