

Algebraic Number Theory: Verbal Slips in Video Lectures.

This file gives the corrections to any verbal slips that I have noticed in the online video lectures for Algebraic Number Theory. I have not included cases where I corrected myself within the lecture, nor cases where the slip is so trivial that the correct meaning was obvious.

Lecture 1. At 6:53, I say “ $x^2 - 5y^2 = 2$ ” when I should have said “ $x^2 - 2y^2 = 5$ ”.

Lecture 6. At 5:58, I say “this is not an if and only if”, when I should have said “this argument does not demonstrate an if and only if”.

Lecture 10. At 23:35, I handwrote μ^2 , which should have been μ^n .

Lecture 18. At 21:05, I say “as they would be for any quadratic number field”, when I should have said: “as they would be for any imaginary quadratic number field” (of course, a real quadratic field would have $r = 2, s = 0$).

Lecture 20. At 22:18, I say “ $\mathbb{Z}$ of w ” when I should have said “ $\mathbb{Z}$ of ω ” (meaning: $\mathbb{Z}[\omega]$).

Lecture 21. At 7:36–7:42, I say “a” three times when I should have said “ α ”.