**Ausgewählte Kapital der Mathematik 2**                    **Özgür Esentepe**

## Sommersemester 2025 Homework 3

### 1. QUESTIONS

(1) What did you learn in class this week? What was one interesting thing? What did you find most difficult? How is it going?

(2) Discuss the relation between integer solutions of the equation
$$x^2 + y^2 = z^2$$
and the rational solutions of
$$x^2 + y^2 = 1.$$