

# İZMİR INSTITUTE OF TECHNOLOGY

Department of Mathematics

MATH 111 – Analytic Geometry

Fall 2025

## Quiz #2

**Question (10 pts):**

Find the slope of the line bisecting the angle from  $l_1$  to  $l_2$ . The slope of  $l_1$  does not exist and the slope of  $l_2$  is  $1/2$ .