

Quiz II

Due: 4/8/2020 16.00 (quiz score is counted as part of 40% assignments)

1. Find the vector and offset that defines the line (2D-hyperplane)
 $y = -2x + 10$.
2. Suppose we have a test point $(2,3)$. What would it be classified regarding the hyperplane in 1.
3. Find the vector and offset that defines the plane (3D-hyperplane)
 $2x + 4y - 5z = -10$.
4. Suppose we have a test point $(-5, -25, -2)$. What would it be classified regarding the hyperplane in 2.