Overview of test bench for LIDAR Sensors

Lidar Sensor
192.168.0.101

Object

4 meters

2 meters

Tan(alpha)=1/2 ~ alpha = 26°

4 meters
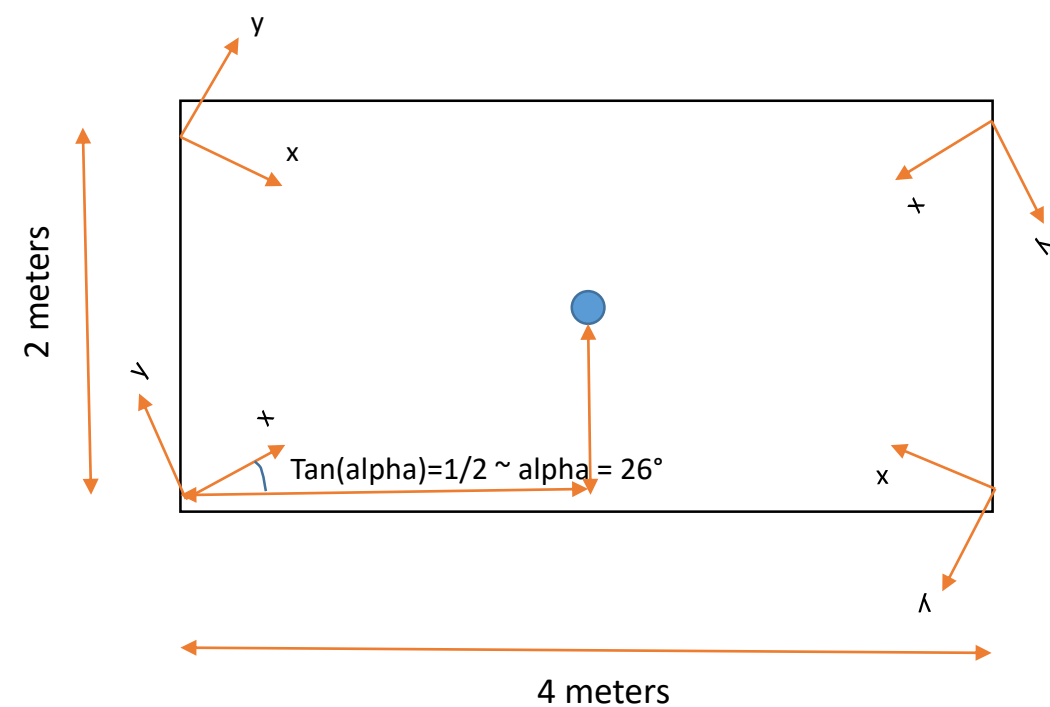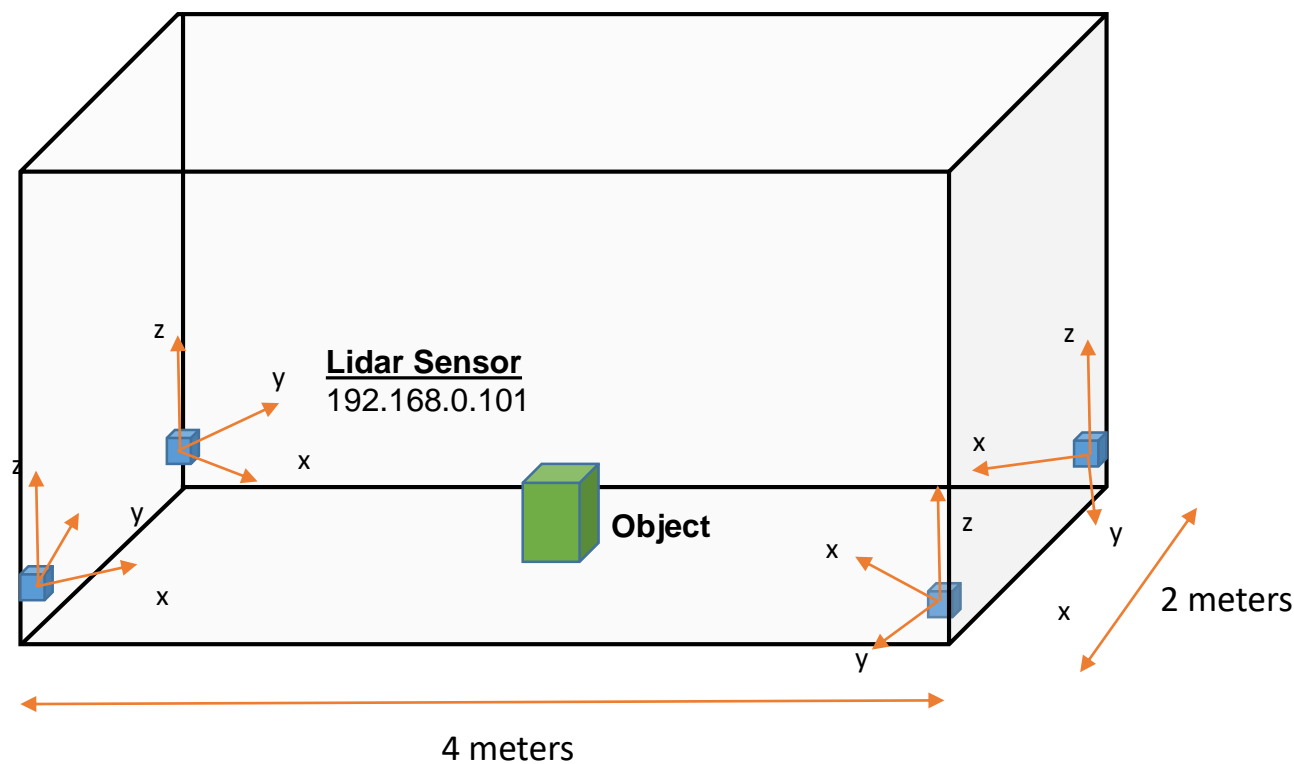
2 meters

Idea: Improve the convergence to global optimum of the algorithm by translating and rotating points clouds before applying the algorithm

distance

Alpha_init=26

Alpha=10

Alpha=28

alpha