Pamukkale University Faculty of Engineering
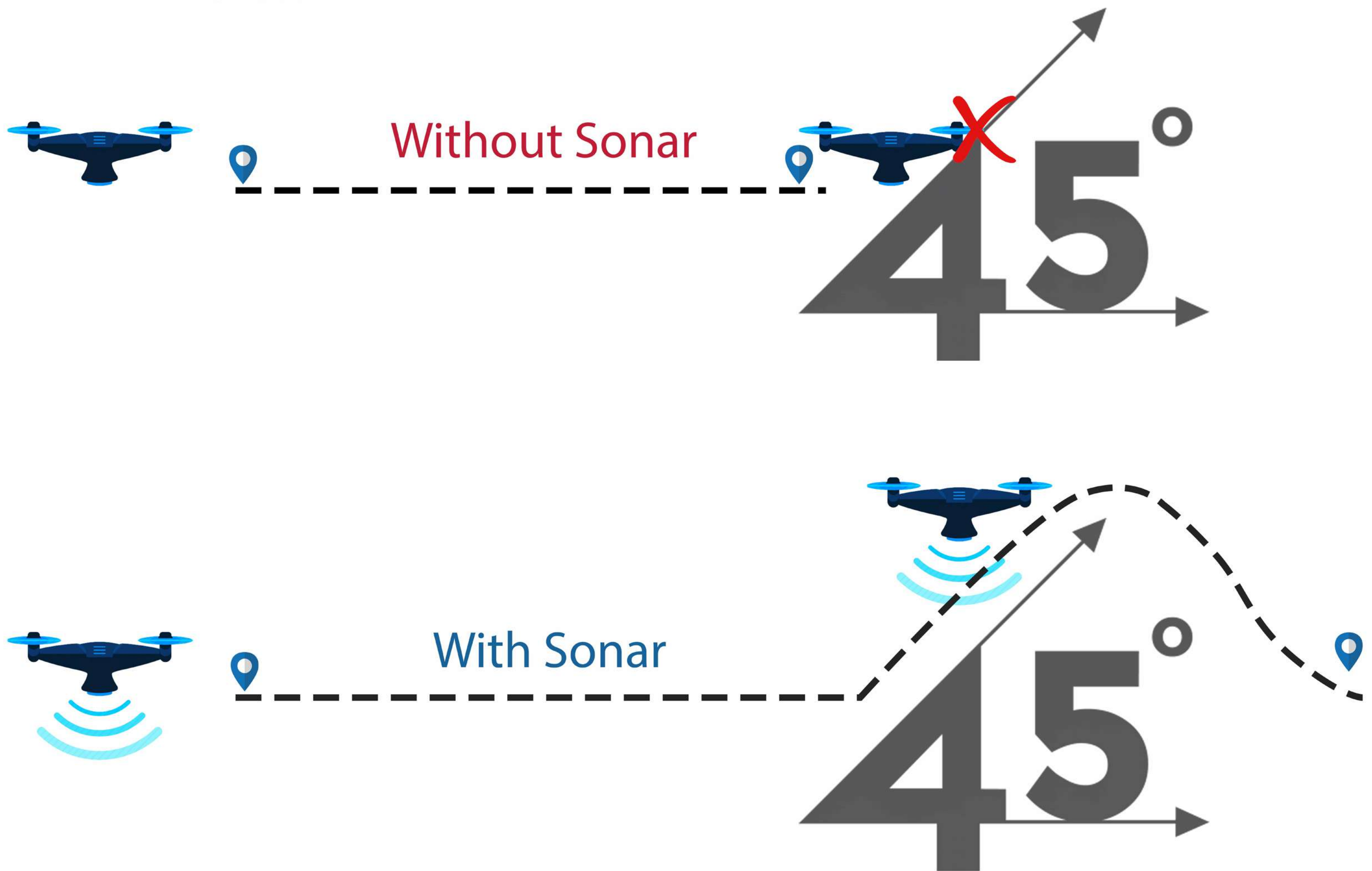# Computer Engineering Department
RangeFinder Quadcopter

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Objective

Predicting the behavior of a quadcopter fully built from scratch with Performing an anti-crash approach

Without Sonar

45°

With Sonar

45°

Features

Selection of the Parts
considering several alternatives
and reasoning the selection of each element

Anti-Crash Approach
using ultrasonic sensors

Vehicle's Dynamics
in iNavflight Configurator
to predict its theoretical behavior

Stabilization of the Vehicle
through the tuning of its controller

Watch video

May 2019