



Laboratoire d'ingénierie des systèmes de Vers

PROJET6 - MASTER2 CSER 2015

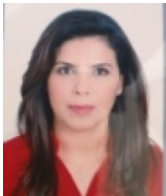
Followed of points in real time by the vision system "Kinect"

The Kinect for Xbox 360 was launched by Microsoft as the first 3D sensor, it designed to capture motion of players in order to play without a controller, and this not its only use as this device open outlooks for a wide range of applications in the robotic fields including objects recognition and tracking, 3D environment mapping, distance detection, or voice recognition and control. In my project I analyzed its different features, its limits and the way to install it in Windows 64 bits and 32 bits, adapting it to Matlab/Simulink in order to embed it on a Quadrotor in order to get its position and orientation.



Master 2 et professionnel Capteurs, Systèmes électroniques et Robotique CSER 2014 /2015

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