



Intelligent Control Systems by Asst. Prof. Dr. Claudia F. Yaşar

This repository contains the curriculum materials used for the Intelligent Control Systems course YTU Department of Control and Automation Engineering.

Deep-Learning-with-Yolov2-for-Object-Classification

We explore machine learning for image classification, using a camera to capture and classify images of objects like oranges and apples. This demonstrates how classification models can enhance pick-and-place operations in industrial robots, showcasing practical applications of machine learning in automating industrial processes.

Important! All the required files are shared using MATLAB Drive. upload all these files to your MATLAB current folder

<https://drive.mathworks.com/sharing/33608e90-9953-46ad-b7fc-0329a731bf99>

Deep Learning Implementation with Yolov2 for Object Detection

Video: <https://www.youtube.com/watch?v=CyfoL8sGzS4>