

1. PROJECT TITLE

-- Frame by frame video manipulation and object detection using Matlab

2. PROJECT DESCRIPTION

The impact of frame-by-frame video manipulation on subsequent object detection was explored.

3. SET UP

1-- Load files in 4.) below into the same contents folder and make a note of the directory path leading to this contents folder.

2-- Determine the present working directory with the "pwd" command in Matlab Command Window. Note the ans = 'result' where 'result' is the current working directory.

3-- In the Matlab Command Window, enter "cd" followed by the directory path leading to the contents folder noted in 1.). This will change the current working directory to the directory path leading to the contents folder.

4-- Verify the new present working directory change by retyping "pwd" in the Matlab Command Window.

4. PROJECT FOLDER CONTENTS

-- This README.pdf file.

-- Frame_by_frame_video_manipulation_and_object_detection.mlx

-- Frame_by_frame_video_manipulation_and_object_detection.ipynb

-- Frame_by_frame_video_manipulation_and_object_detection.html

-- FRAMES FOLDER (remove file, "holder_file.txt", before using)

-- OUTPUT FOLDER (remove file, "holder_file.txt", before using)

-- chambered_nautilus_original.mp4

-- gTruth_nautilus.mat