2022 Intel Cup Undergraduate Electronic Design Contest - Embedded System Design Invitational Contest

Project Introduction

University	City University of Hong Kong		
Faculty Mentor	Dr. Ray C.C. Cheung		
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Subject	The image processing based on FPGA		
Brief Introduction **(Within 250 words)**	Image processing based on FPGA are very broad, more and more industrial applications require higher real-time, and this is suitable for FPGA. This project is use the Vivado to process the image, which include four methods, like converting the RGB into YCbCr, calculating the mean value, eroding the edge of the image and sobel the image.		

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