

Assignment 1

Video Shot Detection



Rules

- Programs must be based on C/C++ or Python w/wo window interface
- No later submission
- Presentation slides are necessary
- The submission due date is 04/11/2023 23:59
- The presentation date is on 04/12/2023
- The presentation should all be in English

Requirements

2

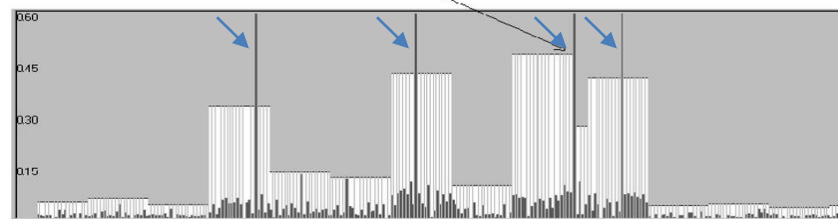
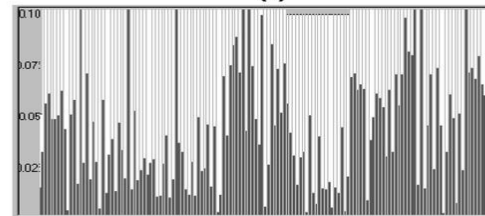
Please complete the following **two** methods

1. Using **histogram feature** to implement the video shot detection.
2. Design **your own algorithm** to implement the video shot detection.

Note : Please indicate the frame index where the shot changes.



(a)



(b)

Dataset

- Number of videos : 2
- Download links (2.09 GB)
 - <https://d.pr/f/GkwEB3>

Sample code of reading video

- Download links (Python & C/C++)
 - <https://d.pr/f/Z0CpRB>