Video Coding

Seminar 4 SS 2021

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Homework assignment

- To further increase the compression ratio, we now apply motion estimation using fast *fftconvolve* (intermediate step) and display the found motion vectors in the video, with small lines or arrows.
- There should not be motion vectors on the static parts of the frame!!

https://www.tu-ilmenau.de/de/mt/lehrveranstaltungen/master-mt/video-

Note: to simplify processing complexity use only part of the frame:

- cut small frame (320*240 pixels) in the middle of RGB frame

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Homework assignment

Original frame

Your max resolution

Cropped resolution 320*240

Frame used for processing

Pay attention: cropped is not changed resolution of your captured video (cap.set(cv2.CAP_PROP_FRAME_WIDTH, 240))

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