

Video Coding

Seminar 4 SS 2021

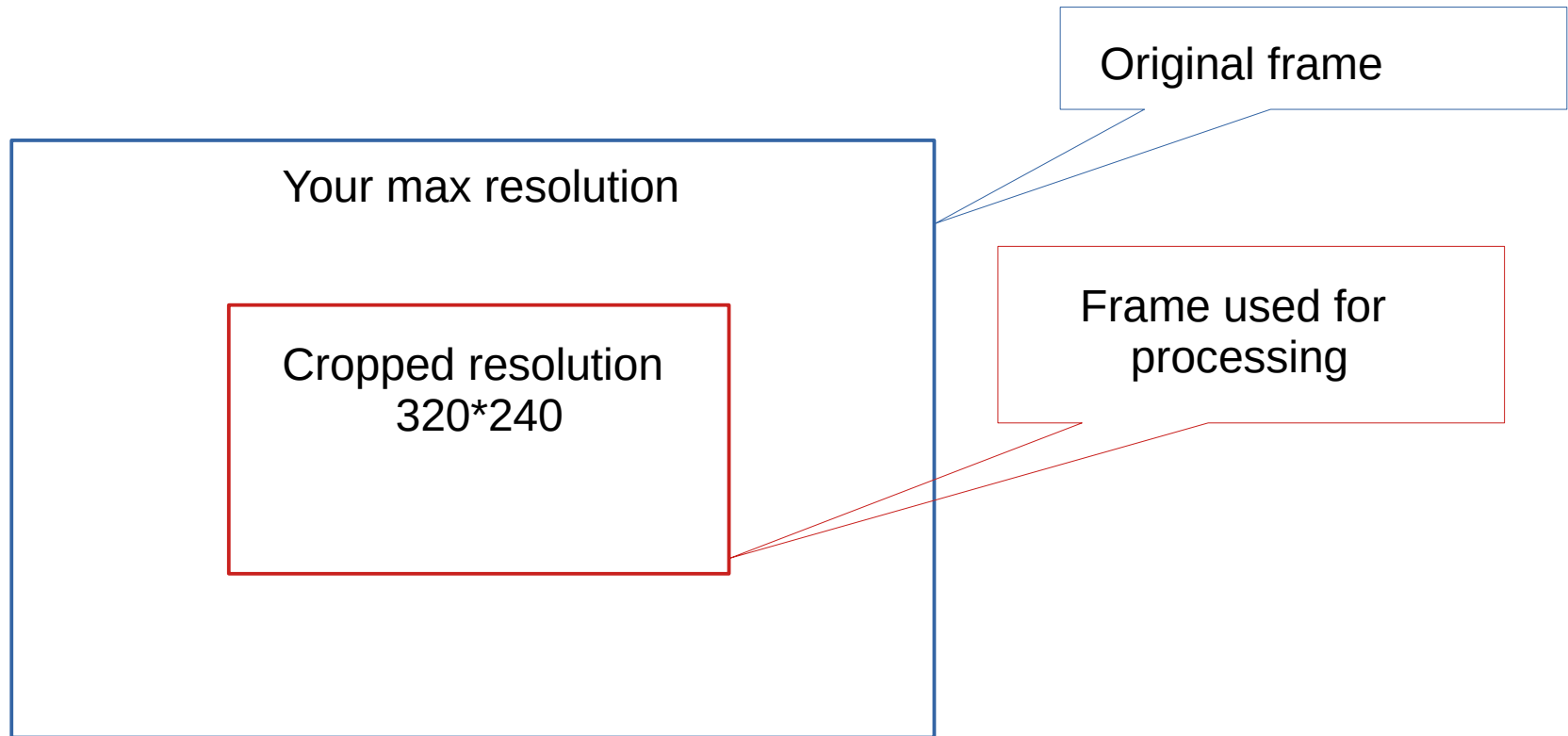
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Homework assignment

- 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!!**

Note: to simplify processing complexity use only part of the frame:
- cut small frame (320*240 pixels) in the middle of RGB frame

Homework assignment



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