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Video Semantic Object Segmentation by Self-Adaptation of DCNN

Seong-Jin Park, Ki-Sang Hong

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Highlights

- We propose a novel video semantic object segmentation framework using DCNN.
- We exploit confidently-estimated frames to adapt the DCNN model to the input video.
- We also propose online algorithm and combine the offline and online results.
- We tackle the label inconsistency problem of pre-trained DCNN applied to videos.
- We achieve the state-of-the-art overlap accuracy on the Youtube-Object dataset.

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