Skipping the Paper
Unsupervised Video Interpolation Using Cycle Consistency

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1 Summary

The author proposes a novel method for synthesis of high frame rate videos from a lower frame rate video using cycle consistency. For a triplet of consecutive frames, they optimized the models to minimize the discrepancy between the center frame and the cycle reconstruction, obtained by interpolating from intermediate frames which will be trained with supervision using the ground truth intermediate frames. The results are high quality and temporarily smoothened intermediate frames. The model proves to have significant gain in accuracy by finetuning pre-trained models on large videos.