Super-Resolution of Video by Implicit Semantic Guidance

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Abstract*: Super resolution of video by implicit semantic guidance is a deep learning technique used to enhance the resolution of low-quality videos. The approach involves training a neural network to extract high-level semantic features from low-resolution input and use them to generate a high-resolution output. This technique can better preserve the semantic content of the video, resulting in sharper and more realistic images. Additionally, it can also be used to restore missing frames and reduce noise and artifacts in low-quality videos. This technique shows great potential for applications such as surveillance, video conferencing, and entertainment, where high-quality video is essential.*

Keywords: OpenCV

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