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対話型パーソナライゼーション AI によるコンテンツ制作の拡張

§1. 研究成果の概要

During the 2019 fiscal year, the project has focused on developing more interactive and personalization techniques for different creative processes. In particular, the main contributions are a framework for remastering black and white video, that is, both removing film degradation and adding color to an old video, and a relighting approach designed for illustrations that works well in a wide diversity of cases, making it easy to change the illumination of variety of images. The details of both approaches and the source code necessary to try them out have been made available on the research website https://esslab.jp/~ess/publications/ .