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Scientific Project Proposal for International Exchange Student

Topic : **Deep learning and Video Quality**

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Laboratory : PRISME Laboratory, Orleans, France
Internship period : From January 15th till May 2019

Abstract

We propose to study the relevance to use convolutional neural networks to predict the subjective quality of videos. The gaol is to develop a novel strategy that uses some characteristics of the human visual system. The results obtained will be compared to some recent methods.

Required skills: knowledge on Matlab, C++, Python, image processing

Bibliography

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