

**Joint Video Experts Team (JVET)
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Title: Crosscheck of JVET-AA0113 (EE1-1.6-related: RDO Considering Deep In-Loop Filter with SADL)

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Purpose: Proposal

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Abstract

This contribution reports the crosscheck results for JVET-AA0113 [], which introduces CNN-based filtering and deblocking into the rate-distortion process. On the top of EE1.6, the CNN-based filtering is implemented on the SADL library using fixed-point calculation. It is reported that the partial simulation results are exactly match to the results provided by the proponents under random access configuration.

Introduction

On the top of EE1-1.6, the CNN-based in-loop filtering is integrated into the RDO process to improve the coding efficiency. The CNN-based in-loop filtering is implemented on the SADL library.

Results

The simulation results are provided as follows, where the baseline is the NNVC anchor [[]].

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LINKS

CARD

JVET-AA0218

<http://vexpertise.stbit.ru/documents/JVET-AA0218>

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ABSTRACT

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Associated Resources

Comments

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archive v1

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XLS JVET-AA0218.xlsm

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REFERENCES

1. [J. Li, Y. Li, K. Zhang, L. Zhang, "EE1-1.6-related: RDO Considering Deep In-Loop Filter with SADL", JVET-AA0113, 27th Meeting: by teleconference, July 2022.](#)