Temporal Scalability Comparison of the H.264/SVC and Distributed Video Codec

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Abstract

The problem of the multimedia scalable video streaming is a current topic of interest. There exist many methods for scalable video coding. This presentation is focused on the scalable extension of H.264/AVC (H.264/SVC) and distributed video coding (DVC). It presents an efficiency comparison of SVC and DVC having reduced encoder complexity. Moreover, temporal scalability is described for these two algorithms, and it is analyzed and compared.

Index Terms: H.264/SVC, distributed video coding, temporal scalability.

REFERENCES