Abstract

This paper summarizes some of the very important error resiliency schemes employed in H. 264/AVC, like intra placement, slice structuring, effect of increasing the number of slice groups per frame and weighted prediction. In addition, we also focus on some other techniques like bi-prediction and weighted slice structuring which offer better performance than previous methods. The experimental results show that the choice of one or more of the above mentioned error resiliency schemes should consider the practical applications as well as network environment.

References

- D. Marpe, T. Wiegand and G. J. Sullivan, &quot;The H. 264/MPEG-4 advanced video coding standard and its applications,&quot; IEEE Communications Magazine, vol. 94, no. 8,
Performance Evaluation of Error Resilience Techniques in H. 264/AVC Standard

- H. 264/AVC reference software available online at http://iphome.hhi.de/suehring/

Index Terms

Computer Science
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Keywords

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