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EVALUATION OF INTERLEAVED SOURCE CODING (ISC) UNDER PACKET CORRELATION (WedAmPO1)

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★ Abstract :	many predictive video sources. methods to overcome such imp is one of the error resilient codin coded frames transmitted over and a corresponding dynamic p channel model and a transmittin predictive video coded stream of In this paper, ISC is evaluated of correlation of the popular Gilber	lelay and packet losses have severe impact on the presentation quality of Prior researches have shown efforts to develop packet loss resilient coding airments for realtime streaming applications. Interleaved Source Coding (ISC) ng methods, which is based on an optimum interleaving of predictive video a single erasure channel. ISC employs a Markov Decision Process (MDP) programming algorithm to identify the optimal interleaving pattern for a given ng sequence. ISC has shown to significantly improve the overall quality of over a lossy channel without complex modifications to standard video coders. over channels with memory. In particular, we analyze the impact of packet rt model on ISC-based packet video over a wide range of packet loss shown that ISC advances the traditional method as either the loss rate tion decreases.