Abstract

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Lossless Coding of Audio Signals Using Cascaded Peak to Valley Linear Prediction

In this paper, a new predictive lossless coding scheme is proposed. The prediction is based on a cascaded peak to valley linear prediction method (pvp). This method is based on simple linear prediction between the detected feature points. Experimental results on different types of music songs show a new competitive compression ratio compared to the other algorithms of the lossless audio compression.