

# **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 (pvlp). this method is based on simple linear prediction between the detected feature points. experimental results on different types of musicsongs show a new competitive compression ratio compared to the other algorithms of the lossless audio compression