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Speech Dereverberation Using Weighted Prediction Error With Correlated Inter-Frame Speech Components

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Highlights

- A new dereverberation method based on the weighted prediction error (WPE) is presented.
- We consider the correlations across STFT frames, i.e. the inter-frame correlation (IFC).
- We suggest an approximate model for the IFC and use it to derive the proposed WPE.
- We propose an efficient method for the estimation of the IFC matrix.

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