

Literature Review

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I. AUDIO PROCESSING

- A. *LPC*
- B. *Frequency-warped LPC*
- C. *Fourier space excitation-filter framework*

II. OPTIMIZATION AND LEARNING

- A. *LPC optimization*
- B. *L2, L1 minimizations*
- C. *Optimization of mixtures*
- D. *Sparsecoding and compressed sensing*
- E. *LTI filter clustering*

III. MIR APPLICATIONS

- A. *Source separation*
- B. *Melody extraction*
- C. *Chord recognition*
- D. *Instrument recognition*

IV. DATASETS