

Discussion

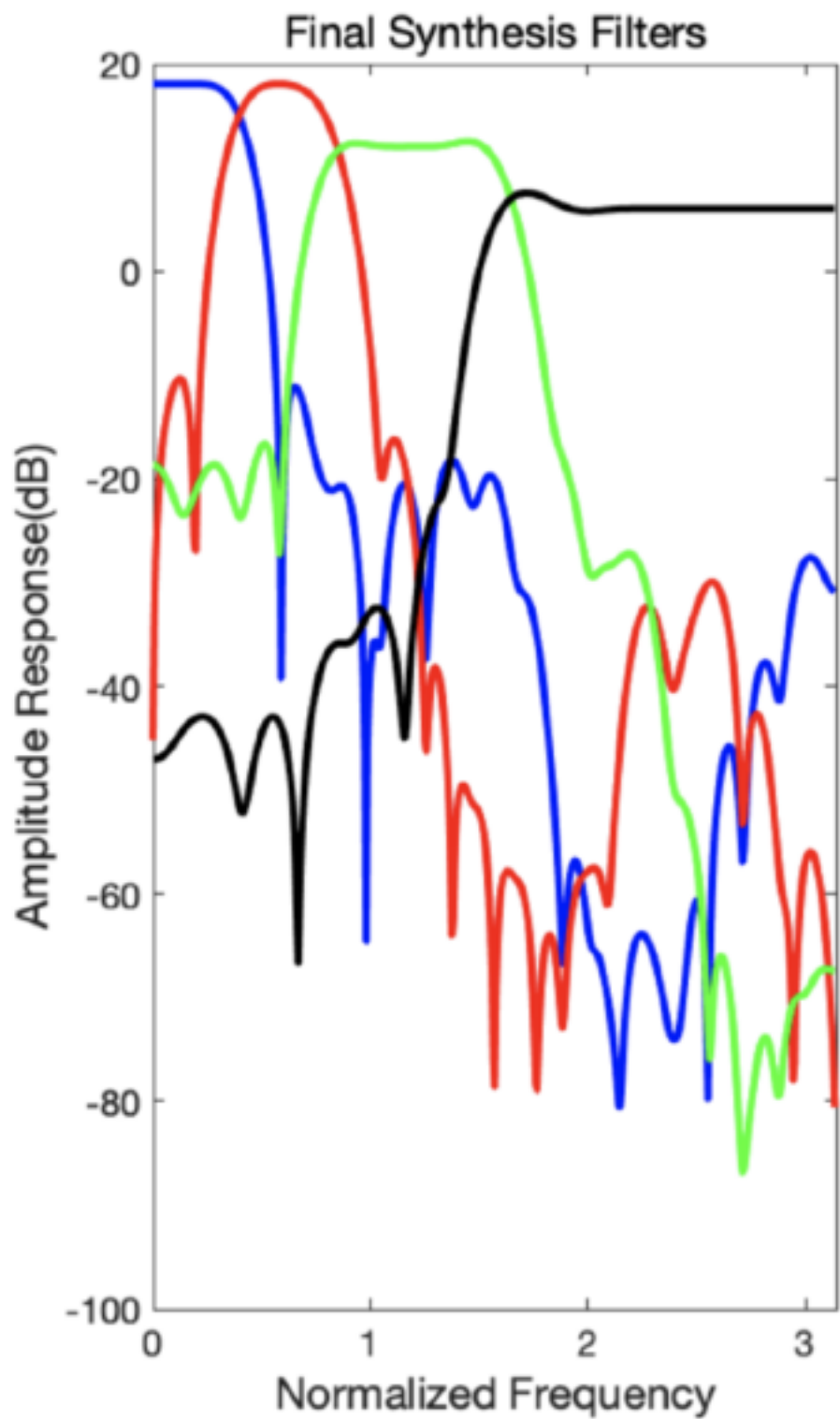
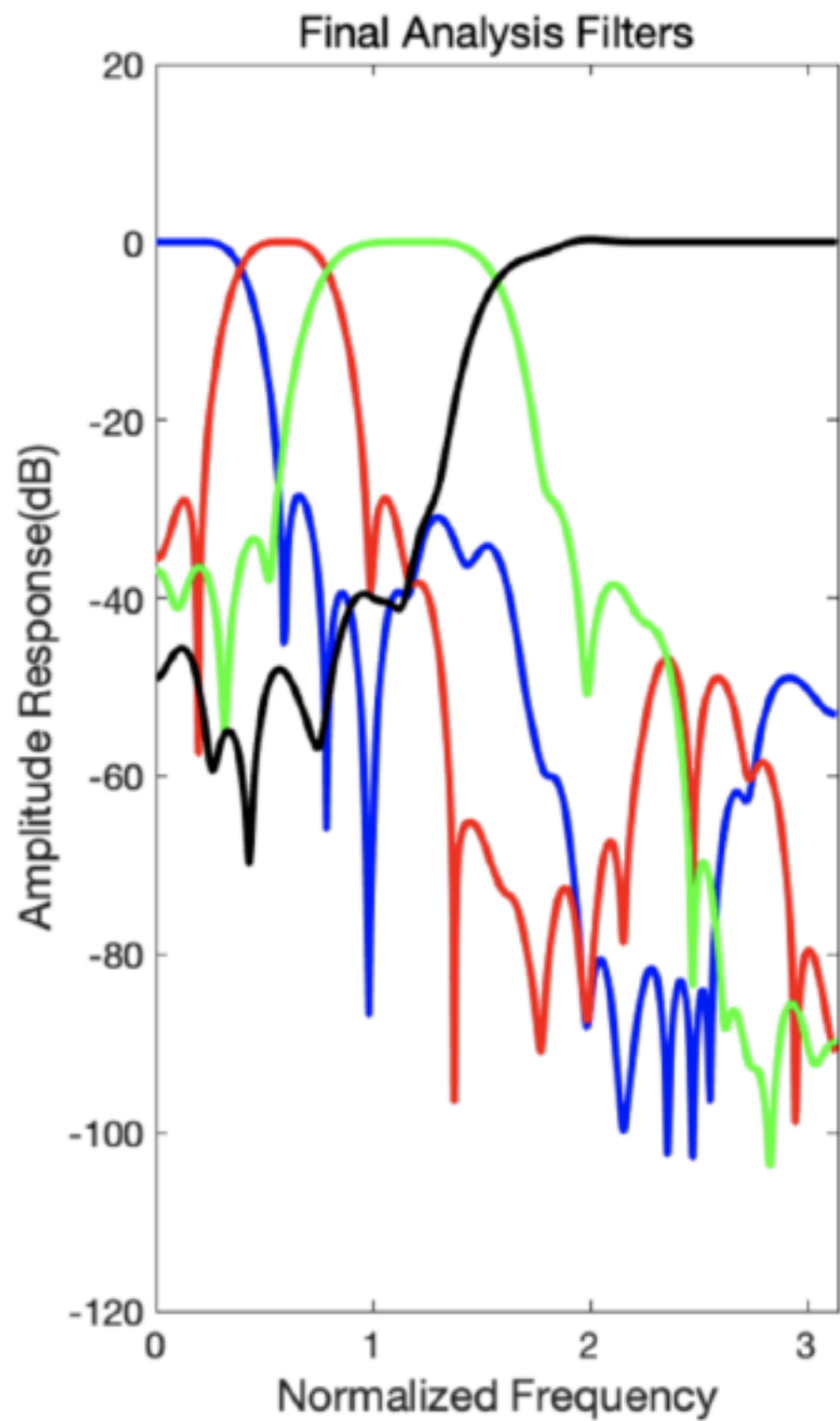
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• How about non-uniform subband operations?

• How to integrate the advantages of time and frequency modeling?

• Any other good ways to estimate unbiased IRM?





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- How about non-uniform subband operations?
- How to integrate the advantages of time and frequency modeling?
- Any other good ways to estimate unbounded cIRM?
- ...

Overview

- **Music Source Separation (MSS), 25mins**
 - Introductions & Related works
 - Motivation1: MSS empirical upper bounds
 - Motivation2: Channel-wise subband feature
 - Proposed model: Channel-wise subband phase-aware ResUNet (CWS-PResUNet)
- **General Speech Quality Restoration (GSR), 25mins**
 - Introductions & Related works
 - Motivation1: Single task speech restoration & weaknesses
 - Motivation2: Universal Speech Vocoder
 - Proposed model: VoiceFixer