Constructing Dictionary

Source speaker’s training speech
- Spectral envelope
- Articulation-disordered spectrum
- Mel + Log + DCT

Target speaker’s training speech
- Spectral envelope
- Well-ordered spectrum
- Mel + Log + DCT

Alignment Information
- Articulation-disordered spectrum
- Segment features
- Vowel frames
- Consonant frames
- All frames

Activity of Source Features
- Parallel data
- (J x L)

Conversion

Source Dictionary (D x J)
- Articulation-disordered spectrum
- Well-ordered spectrum
- Vowel frame
- Consonant frame

Target Dictionary (d x J)

Add to
- Consonants from well-ordered spectrum

Copy
- Converted Target Features (d x L)

Add to
- Converted Target Features (d x L)

Activity of Source Features
- (J x L)

Conversion
- Parallel data
- (d x L)