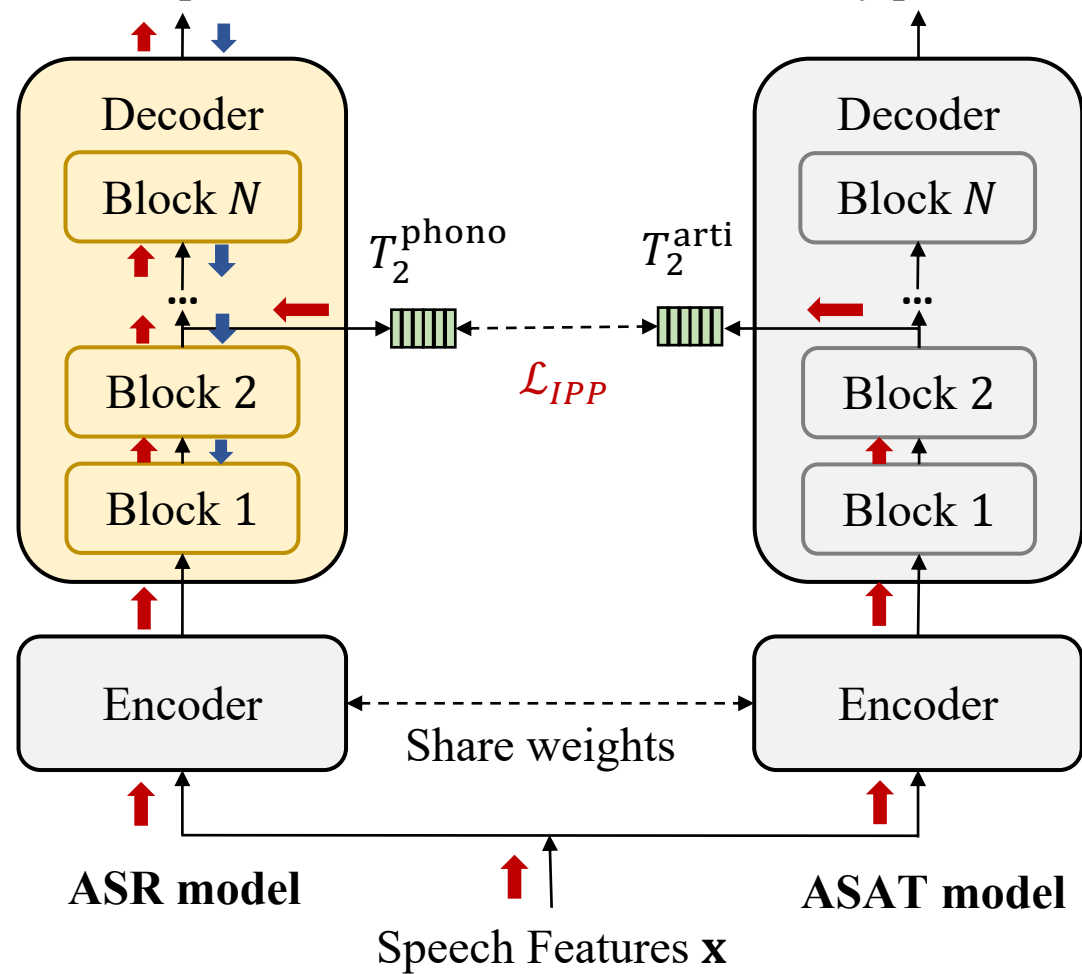


Labels (phoneme)  $\mathbf{y}_{ASR}$

$\mathcal{L}_{CE}$

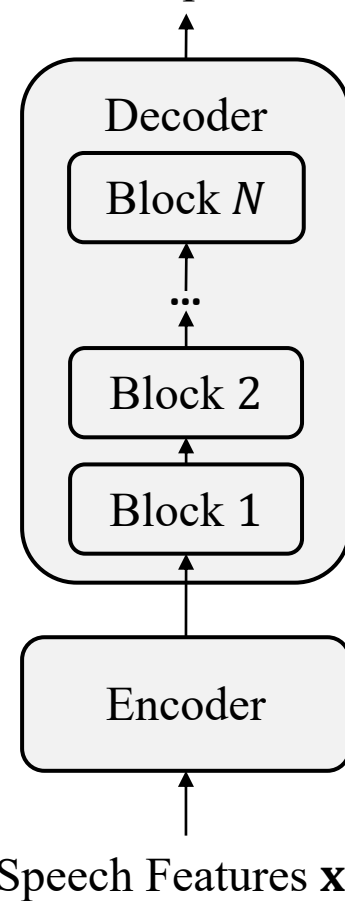
Predicted phonemes

Articulatory place attributes



(a) Training stage.

Predicted phonemes



(b) Evaluation stage.