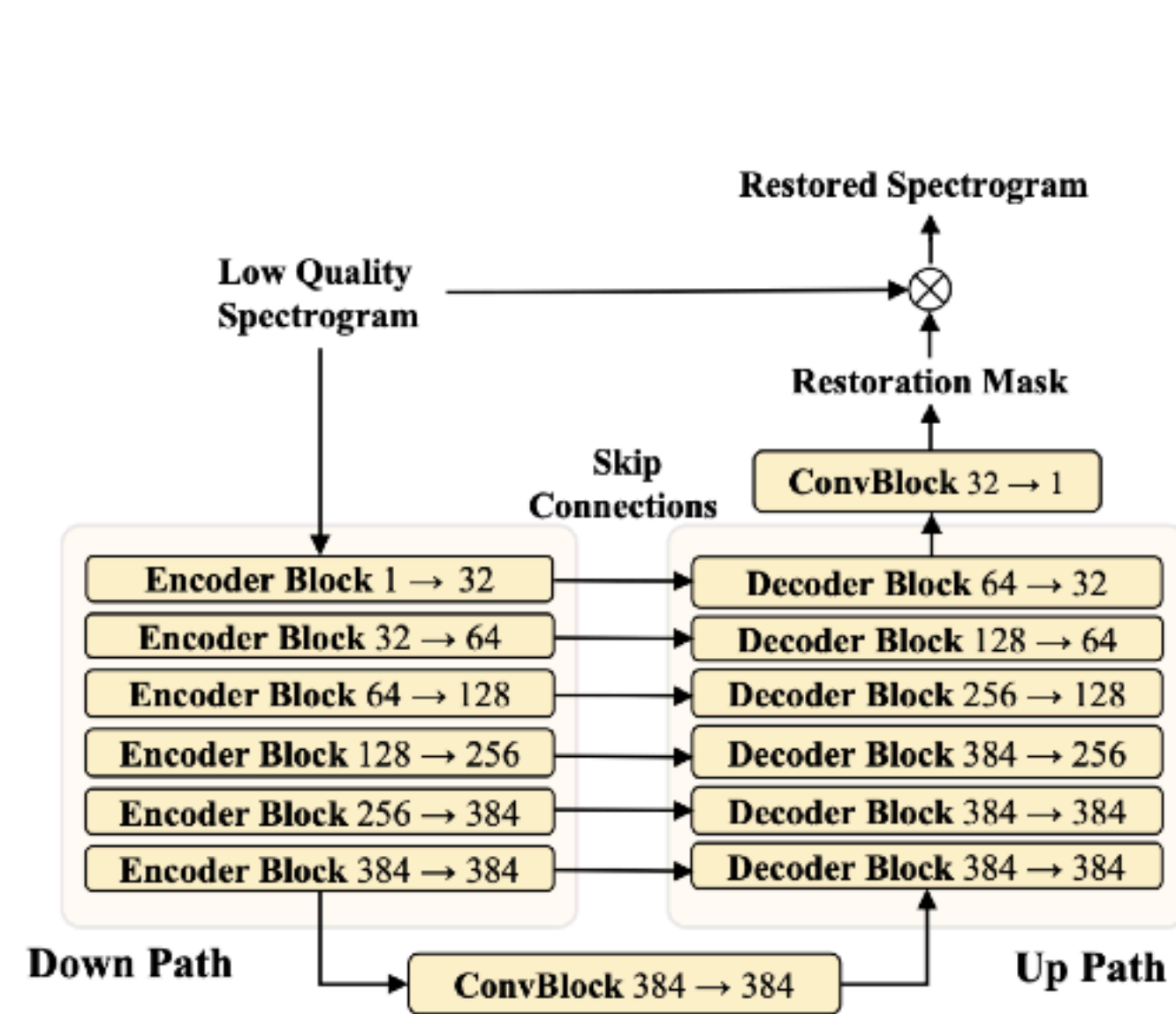
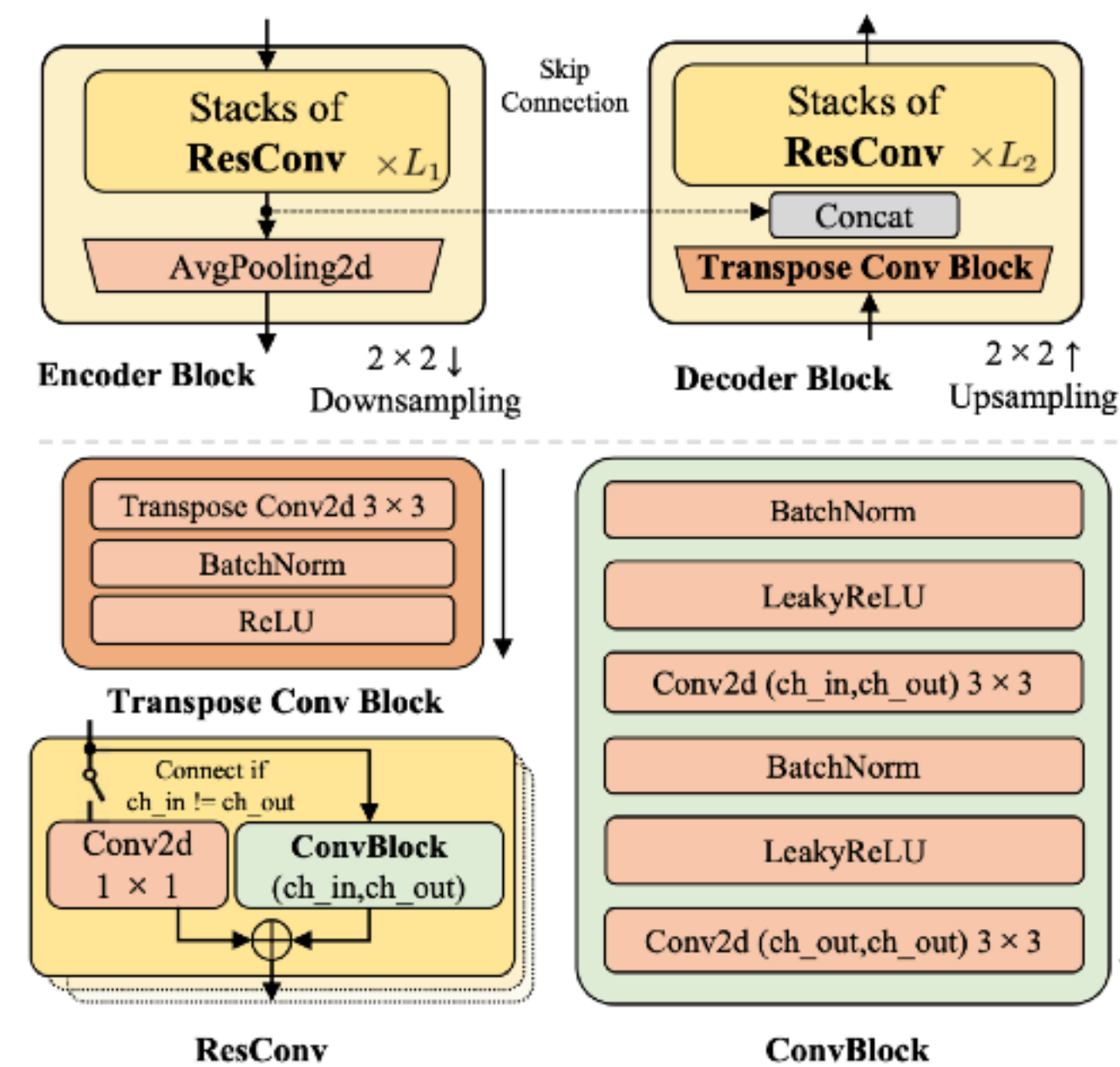


# VoiceFixer

## Three implementations of analysis module

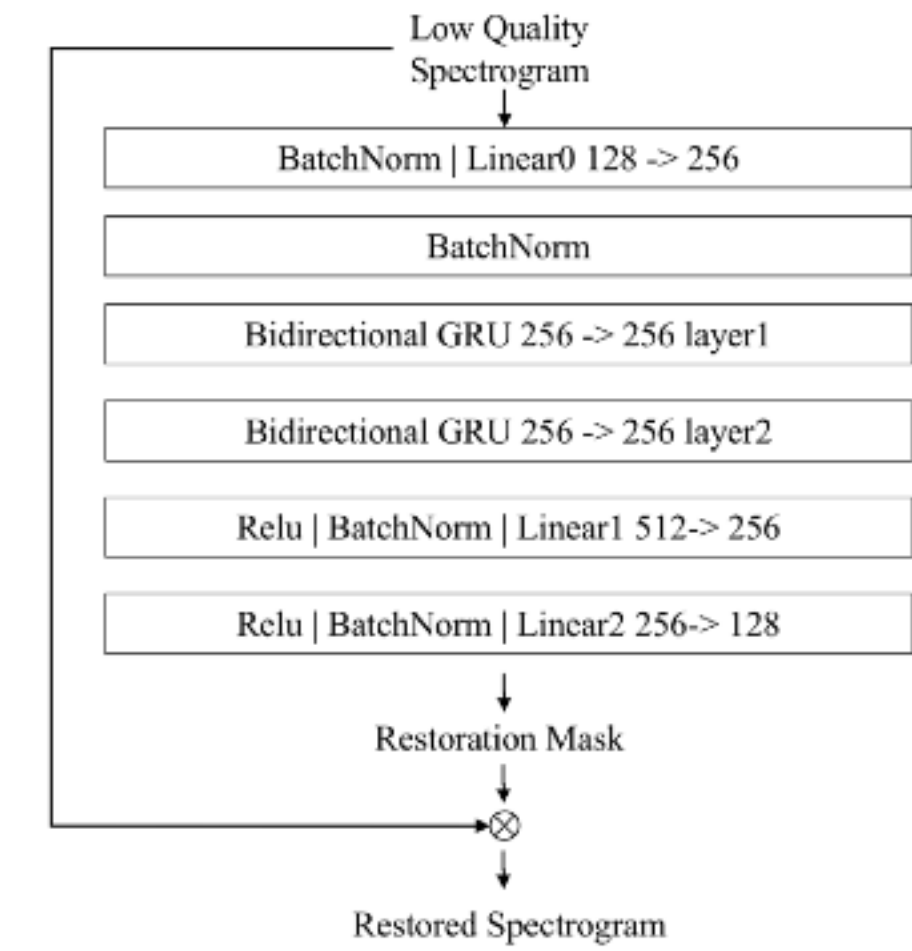


(a) The architecture of ResUNet

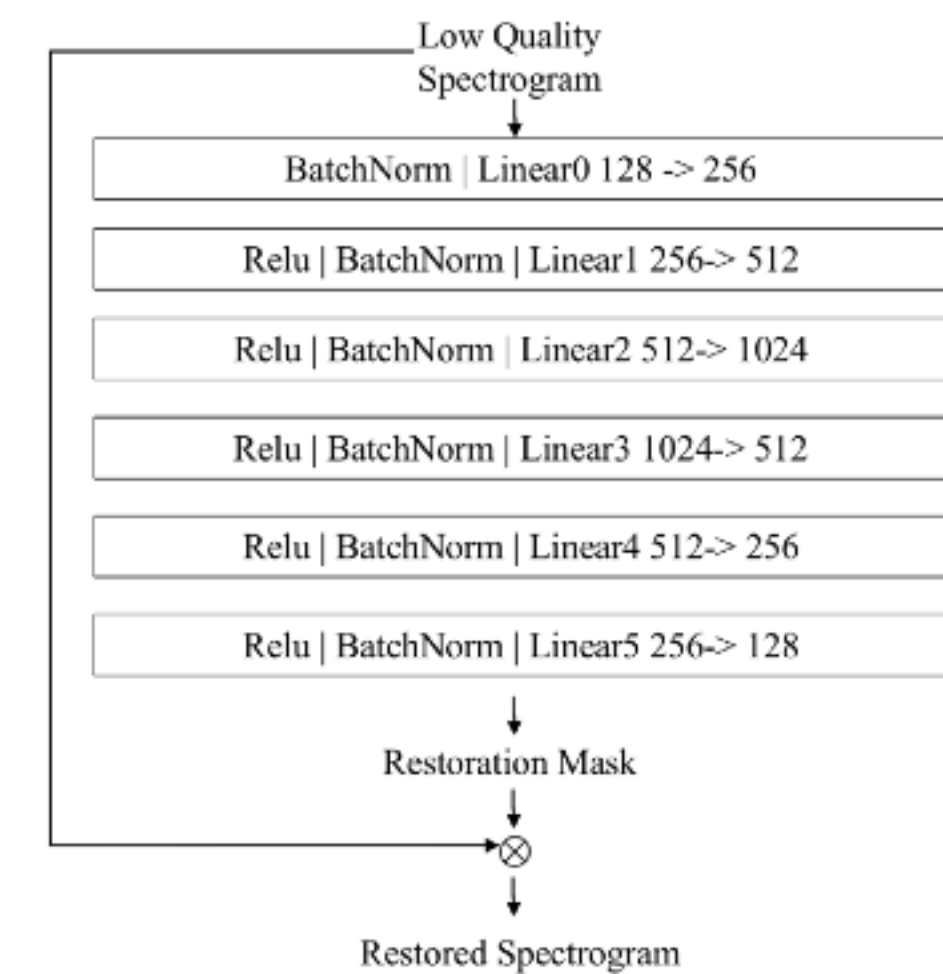


(b) Details of the encoder and decoder blocks of the ResUNet

Architecture1: ResUNet



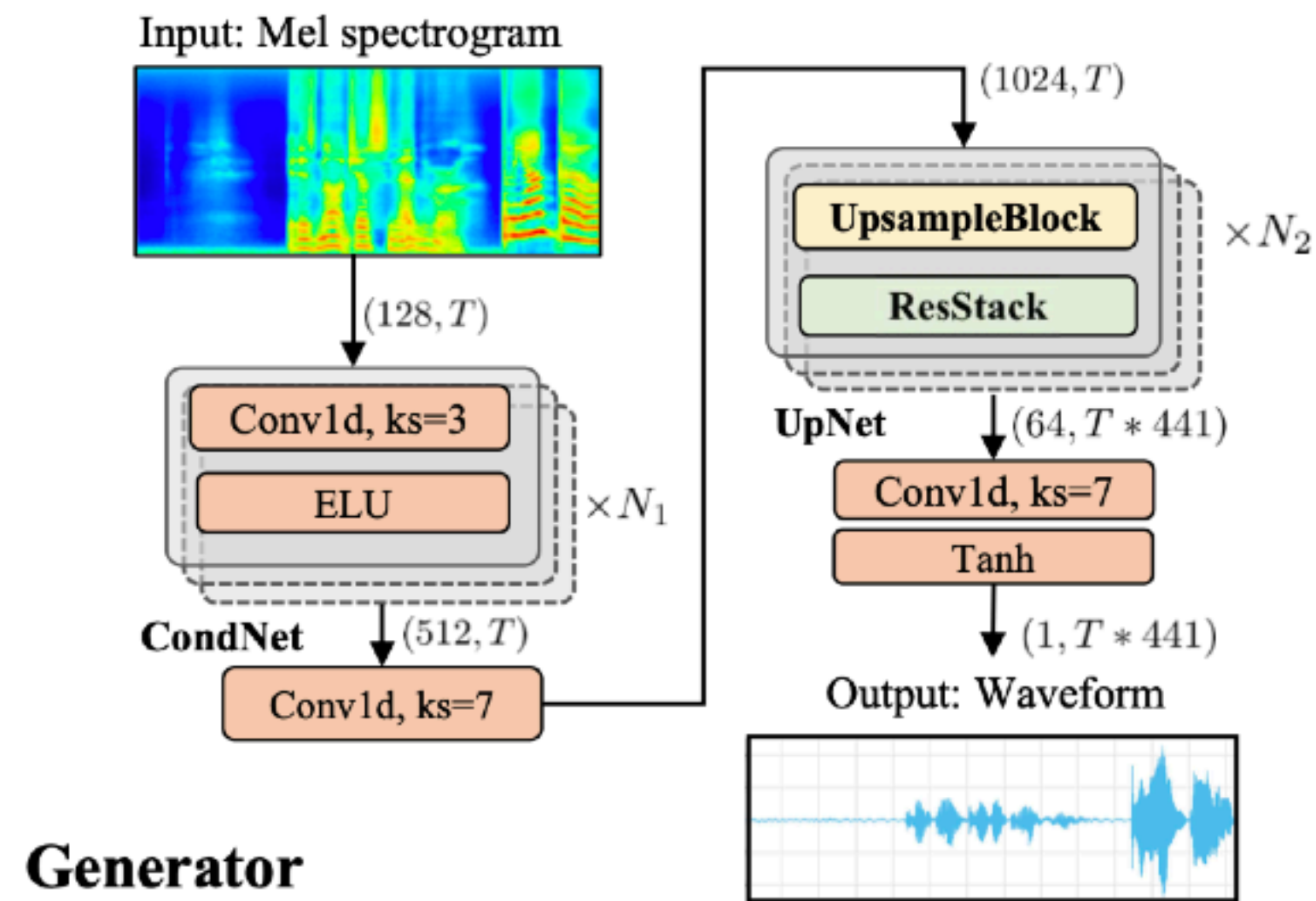
Architecture2: BiGRU



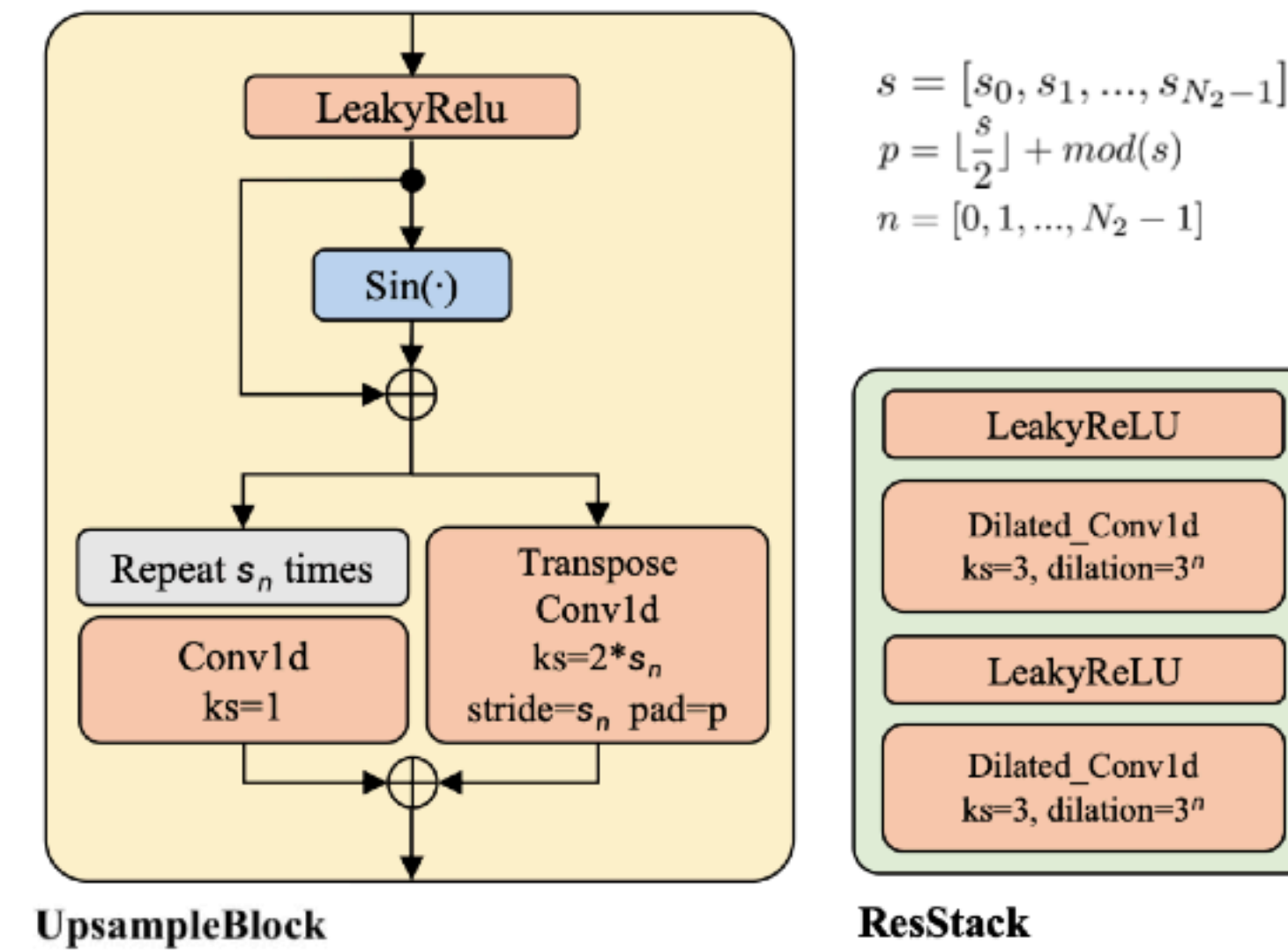
Architecture3: DNN

# VoiceFixer

## Synthesis Module - TFGAN Vocoder



The generator of TFGAN Vocoder



The module architecture inside generator