Learning Interpretable Representation for Controllable Polyphonic Music Generation

ISMIR 2020 Poster Presentation

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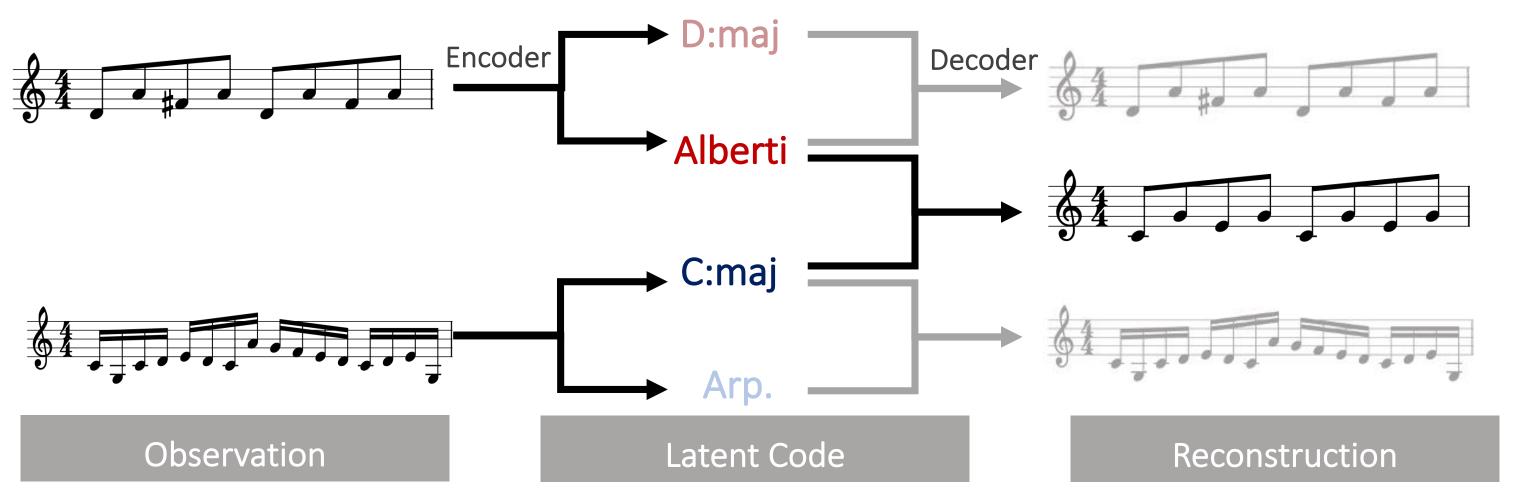
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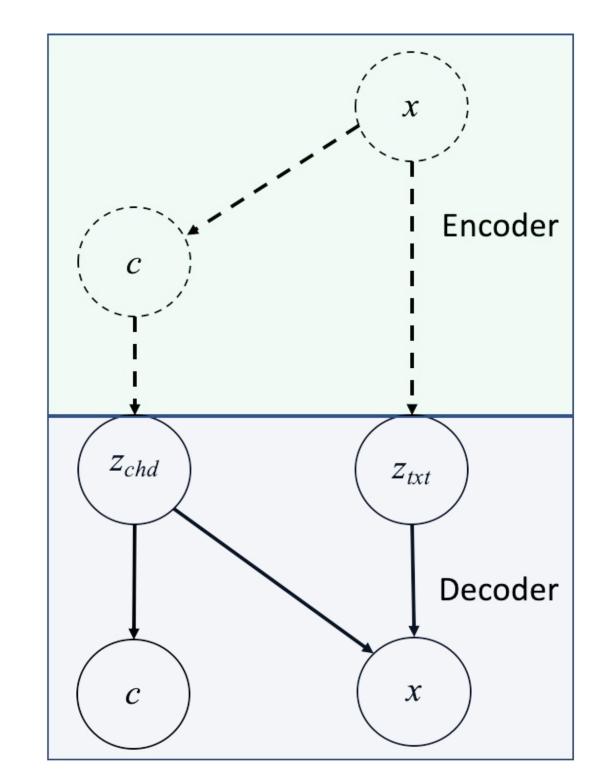




Motivation



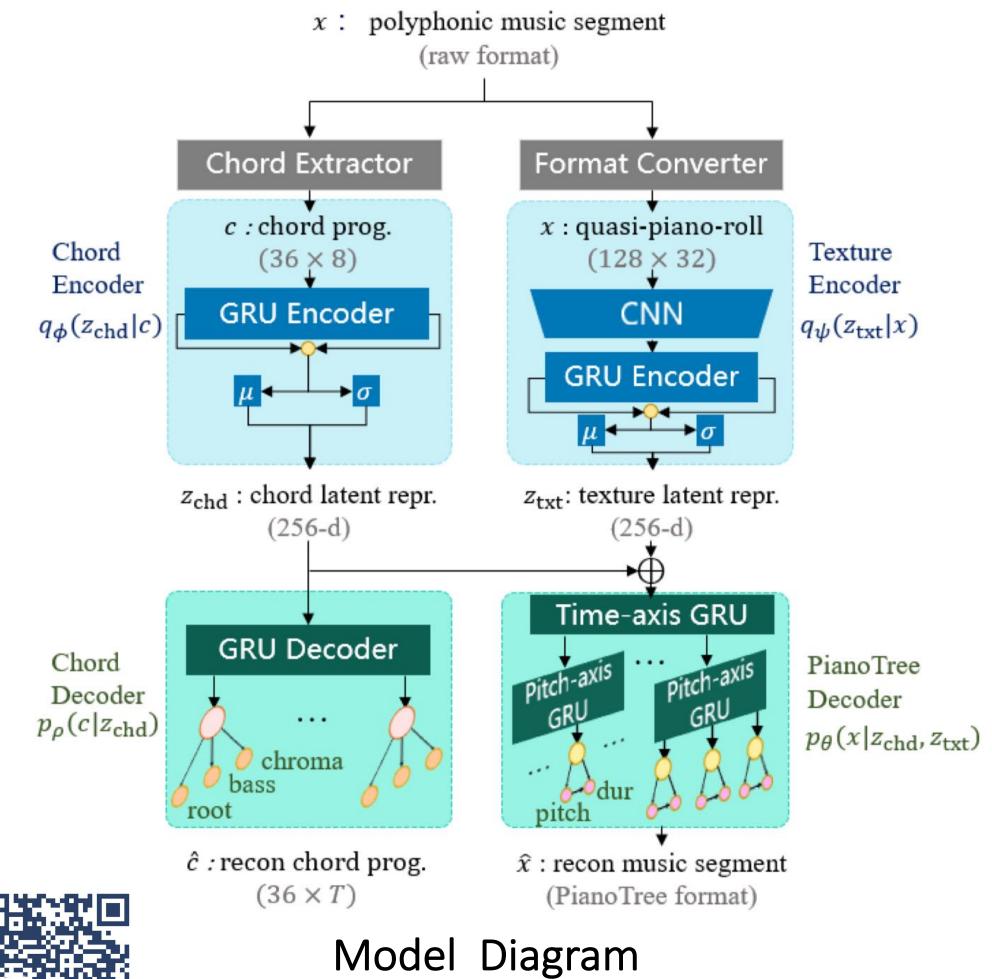
Model Architecture



Graphical Model

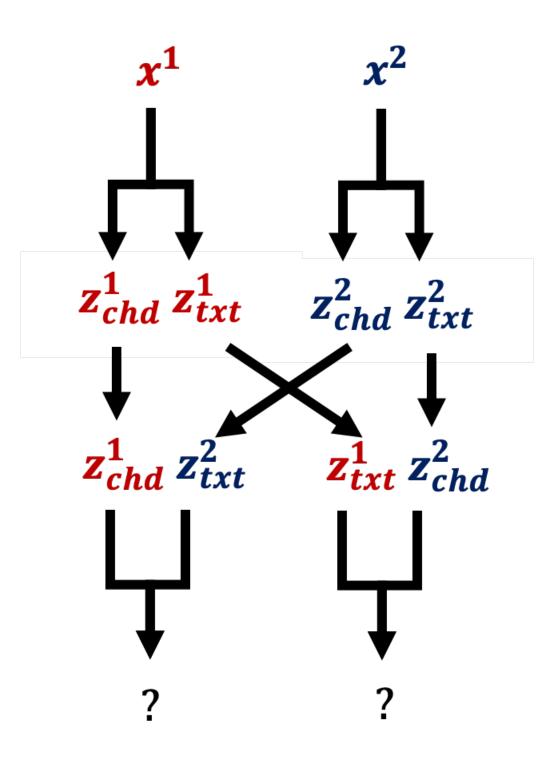
Source Code & MIDI Demo





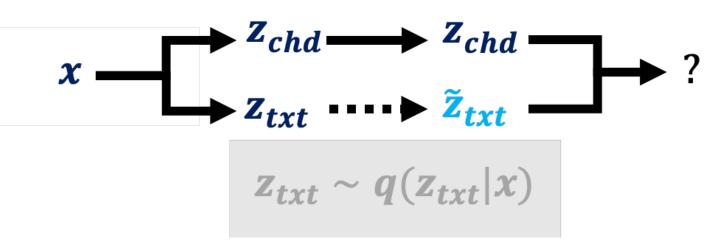
Controlled Music Generation by Disentanglement

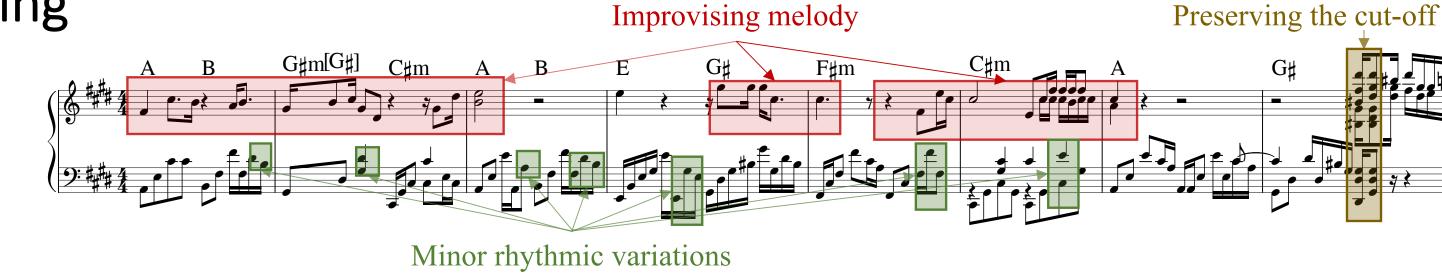
Task 1: Compositional Style Transfer





Task 2: Texture Variation via Sampling





Task 3: Accompaniment Arrangement

