





Given a conditional audio-visual clip



Conditional Generation of Audio from Video via Foley Analogies

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Experiments Non-generative Baseline Generative Baseline Ours Automated Material Prediction 44.0 27.2 Ground truth code \hat{s} 3 ••• 57 Style transet transf No Base Perceptual Material Study Perceptual Action Study Transformer \mathcal{L}_{CE} p_{θ} Output pred. code *s* Style transfer Spec VQGAN No cond. Video Re-rank **Qualitative results (Please check our website for video results)** Vocoder Generated audio !Input sample's audio Output waveform Ranked audio 0.0s Audio Visual -0.2s Sync. Re-ranking Input silent video Conditional audio-visual clips Generated audio +0.8s





