

## ChordFeel: Enhancing Guitar Rhythm Learning through Haptic and Augmented Reality Feedback



**Summary:** Rhythm skills are crucial yet challenging for beginner guitarists. ChordFeel supports rhythm practice by integrating wearable haptic feedback and Augmented Reality. The haptic vest delivers precise tactile cues for tempo, strumming patterns, accents, and dynamics, closely aligning with guitar-specific techniques such as strumming direction. Synchronized AR visualizations provide real-time guidance on chord placement and hand movements, effectively reducing cognitive load. By transforming abstract rhythm into direct sensory experiences, ChordFeel aims to enhance beginners' rhythm perception and facilitate intuitive guitar learning.