

Xtempo: Music Polaroid for Printing Real-Time Acoustic Guitar Performance

Han-Jong Kim

Dept. of Industrial Design
KAIST
291 Daehak-ro, Yuseong-gu
Daejeon 305-701, Korea
jong2jong2@kaist.ac.kr

Moon-Hwan Lee

Dept. of Industrial Design
KAIST
291 Daehak-ro, Yuseong-gu
Daejeon 305-701, Korea
daylight@kaist.ac.kr

Bon-Cheol Goo

Graduate School of
Culture Technology, KAIST
291 Daehak-ro, Yuseong-gu
Daejeon 305-701, Korea
mgtech@kaist.ac.kr

Tek-Jin Nam

Dept. of Industrial Design
KAIST
291 Daehak-ro, Yuseong-gu
Daejeon 305-701, Korea
tjnam@kaist.ac.kr

Abstract

We present a real-time musical score printing system called *Xtempo*. This system supports the recording of more meaningful musical experiences with the contextual information. It interprets the music performance and instantly prints the musical score like a Polaroid camera. This allows recording of musical composition or improvised play. We applied this system to an acoustic guitar which can be augmented by experience recording. The tablature (for guitar) is also printed with information of a performer's stroke action. This system shows new potential in logging meaningful, emotional and personalized musical experience.

Author Keywords

Experience logging; instant musical scores printer; music Polaroid; situated discretion; musical score of acoustic guitar;

ACM Classification Keywords

H.5.2 Information interfaces and presentation (e.g., HCI): User Interfaces - Training, help, and documentation



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