MPEG-4 Stream Transmission and Synchronization Schemes for Parallel Servers
Kwang-Sik Shin, Wan-Oh Yoon, Jin-Ha Jung, and Sang-Bang Choi
A multimedia transmission and synchronization scheme for parallel servers in a wireless environment enables servers to store MPEG-4 data according to a video-object-plane type.

Documenting Motion Sequences with a Personalized Annotation System
Kanav Kahol, Priyamvada Tripathi, and Sethuraman Panchanathan
A novel technique for motion annotation adapts to a person's style and vocabulary of basic movements (gestures). The system segments continuous motion sequences into gestures, which it then documents in a personalized annotation with an intuitive hierarchical representation.

Modeling Intent for Home Video Repurposing
Radhakrishna S.V. Achanta, Wei-Qi Yan, and Mohan S. Kankanhalli
Amateur home videos rarely convey intent effectively, primarily because of the limitations of conventional consumer-quality video cameras and the difficulties of video postprocessing. The authors describe a general approach for video-intent delivery based on offline cinematography and automated continuity editing concepts and demonstrate its use with four basic emotions: cheer, serenity, gloom, and excitement.

Perception-Based Microtuning over MIDI Networks
Ahmed Shawky Moussa
MIDI has intrinsic limitations that have held back the development of flexible microtunable systems. The author evaluates previous solutions and addresses the problem of pervasive microtuning in MIDI networks within the context of the general weaknesses and underusage of MIDI technology.

Automatic Structure Detection for Popular Music
Namunu C. Maddage
This proposed approach detects music structures by looking at beat-space segmentation, chords, singing-voice boundaries, and melody- and content-based similarity regions. Experiments illustrate that the proposed approach is capable of extracting useful information for music applications.

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