

Video analysis and repackaging for distance education

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Abstrak

This book presents various video processing methodologies that are useful for distance education. The various methods described in the book focus on a key-frame based approach which is used to time shrink, repack and retarget instructional videos. All the methods need a preprocessing step of shot detection and recognition, which is separately given as a chapter. The book also presents a legibility retentive retargeting of this instructional media on mobile devices with limited display size. All these technologies contribute to the enhancement of the outreach of distance education programs.