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## Hand gesture recognition using depth data

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## Abstract:

A method is presented for recognizing hand gestures by using a sequence of real-time depth image data acquired by an active sensing hardware. Hand posture and motion information extracted from a video is represented in a gesture space which consists of a number of aspects including hand shape, location and motion information. In this space, it is shown to be possible to recognize many types of gestures. Experimental results are shown to validate our approach and characteristics of our approach are discussed.

Published in: Automatic Face and Gesture Recognition, 2004. Proceedings. Sixth IEEE International Conference on

Date of Conference: 19-19 May 2004 INSPEC Accession Number: 8143035

Date Added to IEEE *Xplore*: 07 June 2004 DOI: 10.1109/AFGR.2004.1301587

ISBN Information: Publisher: IEEE

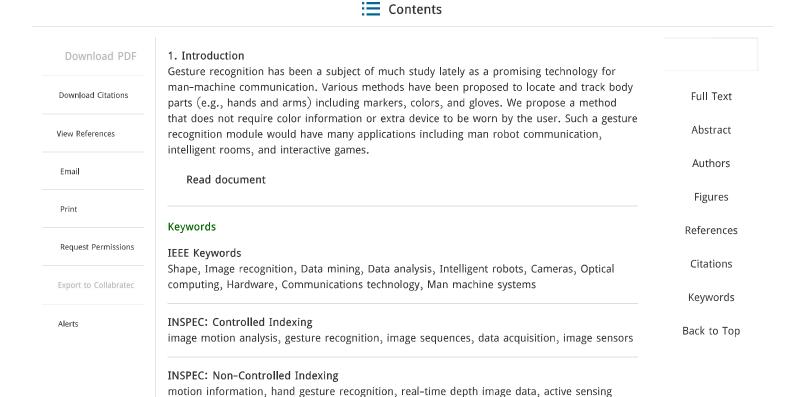
hardware, hand posture

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