Human Head Tracking by Real-time Stereo Vision

Demo Session at CVPR 2000

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(1) Abstract

We demonstrate a human head tracking system using the real-time stereo machine named SAZAN. In this system, the location of the human head is detected and its head pose is estimated continuously. In addition, the front-view images are detected by checking if it is facing for the front. Usually, it is not easy to detect the human head and its pose only from the intensity image. In our demo, by using the depth images, the detection of the head and its direction is effectively and robustly performed.



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