Gasteratos / Vincze / Tsotsos

Computer Vision Systems

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In the past few years, with the advances in microelectronics and digital te- nology, cameras became a widespread media. This, along with the enduring increase in computing power boosted the development of computer vision s- tems. The International Conference on Computer Vision Systems (ICVS) covers the advances in this area. This is to say that ICVS is not and should not be yet another computer vision conference. The ? eld of computer vision is fully covered by many well-established and famous conferences and ICVS di?ers from these by covering the systems point of view. ICVS 2008 was the 6th International Conference dedicated to advanced research on computer vision systems. The conference, continuing a series of successful events in Las Palmas, Vancouver, Graz, New York and Bielefeld, in 2008 was held on Santorini. In all, 128 papers entered the review process and each was reviewed by three independent reviewers using the double-blind review method. Of these, 53 - pers were accepted (23 as oral and 30 as poster presentation). There were also two invited talks by P. Anandan and by Heinrich H. Bultho ¨ ?. The presented papers cover all aspects of computer vision systems, namely: cognitive vision, monitor and surveillance, computer vision architectures, calibration and reg- tration, object recognition and tracking, learning, human—machine interaction and cross-modal systems.

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