



Human and Machine Perception: Information Fusion (Paperback)

By -

Springer-Verlag New York Inc., United States, 2012. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book. The following are the proceedings of the Second International Workshop on Human and Machine Perception held in Trabia, Italy, on July 21~25, 1996, under the auspices of two Institutions: the Cybernetic and Biophysics Group (GNCB) of the Italian National Research Council (CNR) and the Centro Interdipartimentale di Tecnologie della Conoscenza of Palenno University. A broad spectrum of topics are covered in this series, ranging from computer perception to psychology and physiology of perception (visual, auditory, tactile, etc.). The theme of this workshop was: Human and Machine Perception: Information Fusion . The goal of information and sensory data fusion is to integrate internal knowledge with complementary and/or redundant information from many sensors to achieve (and maintain) a better knowledge of the environment. The mechanism behind the integration of information is one of the most difficult challenges in understanding human and robot perception. The workshop consisted of a pilot phase of eight lectures introducing perception sensorialities in nature and artificial systems, and of five subsequent modules each consisting of two lectures (dealing with solutions in nature and machines respectively) and a...



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