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Altri autori (Persone)	VitulanoSergio
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Nota di contenuto	Representing and coding for communication. One eye, two eyes ... how many eyes? Notes and reflections on vision systems for mobile robotics / G. Adorni, S. Cagnoni, and M. Mordonini. A note on pictorial information / V. Di Gesu. Biomedical signal processing and modeling : multiscale and multiorgan integration of information / S. Cerrutti. The binding problem and the emergence of perceptual meaning / E. Pessa -- Exploration and discovering in very large dataset. Sequence rule models for web usage mining / P. Cerchiello and P. Giudici. An Improved 3D face recognition method based on normal map / A. F. Abate ... [et al.]. Entropy measures in image classification / A. Casanova ... [et al.]. Complex objects classified by morphological shape analysis and elliptical Fourier descriptors / B. Ballaro ... [et al.] -- Information exchange : machine versus machine. Visual attention mechanisms for information visualization / R. Marmo and M. Valle. Integrating human and machine perception to reverse-engineer the human vision system / R. Piroddi and M. Petrou. Situated vision : a step further towards

autonomous systems / B. Zavidovique and R. Reynaud. Recognizing occluded face using fractals / A. F. Abate ... [et al.].

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Sommario/riassunto

The theme of this book on human and machine perception is communication, interaction, and integration. For each basic topic there are invited lectures, corresponding to approaches in nature and machines, and a panel discussion. The lectures present the state of the art, outlining open questions and stressing synergies among the disciplines related to perception. The panel discussions are forums for open debate. The wide spectrum of topics allows comparison and synergy and can stimulate new approaches.

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