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                           by Manas K. Mandal, Avinash Awasthi

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   Nota di bibliografia    Includes bibliographical references at the end of each chapters.

   Nota di contenuto       Chapter 1. Facial Expressions of Emotions: Research Perspectives --
                           Chapter 2. Recognition of Facial Expressions: Past, Present, and Future
                           Challenges -- Chapter 3. Evidence for the Universality of Facial
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                           group bias in facial emotion recognition -- Chapter 5. Asymmetry of
                           Facial Expressions of Emotion -- Chapter 6. Facial expressions in
                           empathy research -- Chapter 7. The role of social context for the
                           interpretation of emotional facial expressions -- Chapter 8. Automatic
                           Facial Expression Analysis -- Chapter 9. Facial Expressions to
                           Emotions: A Study of Computational Paradigms for Facial Emotion
                           Recognition -- Chapter 10. Evaluation of  the Intricacies of Emotional
                           Facial Expression (EFE) of Psychiatric Patients using Computational
                           Models -- Chapter 11. Micro expressions and deception -- Chapter 12.
                           The detection of deception in cross-cultural contexts -- Chapter 13.

Study of Facial Micro-expressions in Psychology.

Sommario/riassunto       This important volume provides a holistic understanding of the cultural, psychological, neurological and biological elements involved in human facial expressions and of computational models in the analyses of expressions. It includes methodological and technical discussions by leading scholars across the world on the subject. Automated and manual analysis of facial expressions, involving cultural, gender, age and other variables, is a growing and important area of research with important implications for cross-cultural interaction and communication of emotion, including security and clinical studies. This volume also provides a broad framework for the understanding of facial expressions of emotion with inputs drawn from the behavioural sciences, computational sciences and neurosciences.