Face Recognition Using PCLDA Based Fourier Feature

By Nagaanand B.

LAP Lambert Academic Publishing Mrz 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x4 mm. This item is printed on demand - Print on Demand Neuware - Automatic face recognition is an important task with many practical applications such as biometrics, video surveillance, image retrieval and human computer interaction. The local feature based method has a low computational power, thus propose a new system to overcome these challenges. The proposed methods have done the uncontrolled illumination variation situations, from this uncontrolled illumination variation situation can overcome the controlled illumination variation situations. PCLDA based Fourier feature extraction is used to reduce the dimensionality of the images. The proposed method will be useful for the scenarios where the input images have small resolution and it has the benefits of lower computational complexity compared to the local feature-based methods. This book, therefore, provides the face recognition strategy even uncontrolled as well as controlled illumination situations. This recognition should help everyone who may be interesting in face recognition techniques and doing research in image processing. 60 pp. Englisch.

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Reviews

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