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Template matching techniques for Iris recognition system (Conference Paper)

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Abstract

Security and authentication is one of the major parts of our daily life. Iris is one of the most reliable forms of identification object in the human body. To develop an iris authentication algorithm for personal identification, this paper describe techniques for matching two bitwise biometric template. The experimental result shows that the developed algorithm has good performance to check whether two templates are generated from same iris or not. The algorithm performs perfect recognition on a set of 94 eye images courtesy of The Chinese Academy of Sciences - Institute of Automation (CASIA). Algorithm showed 0% false accepted and 4% false rejection rate. © 2014 IEEE.

Author keywords

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