

Accepted Manuscript

Combining Iris and Periocular Biometric for matching visible spectrum Eye Images

Nasir Udin Ahmed , Slobodan Cvetkovic , Erfanul Hoque Siddiqi ,
Andrey Nikiforov , Iliia Nikiforov

PII: S0167-8655(17)30069-7
DOI: [10.1016/j.patrec.2017.03.003](https://doi.org/10.1016/j.patrec.2017.03.003)
Reference: PATREC 6758



To appear in: *Pattern Recognition Letters*

Received date: 15 October 2016
Revised date: 23 February 2017
Accepted date: 3 March 2017

Please cite this article as: Nasir Udin Ahmed , Slobodan Cvetkovic , Erfanul Hoque Siddiqi ,
Andrey Nikiforov , Iliia Nikiforov , Combining Iris and Periocular Biometric for matching visible spec-
trum Eye Images, *Pattern Recognition Letters* (2017), doi: [10.1016/j.patrec.2017.03.003](https://doi.org/10.1016/j.patrec.2017.03.003)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- Red channel and three filter scales are good trade-off for color iris matching.
- A periocular biometric using transitional local binary pattern is introduced.
- Score fusion of iris codes and periocular biometric improves error statistics.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4970144>

Download Persian Version:

<https://daneshyari.com/article/4970144>

[Daneshyari.com](https://daneshyari.com)