

# Errata: Personal authentication through dorsal hand vein patterns

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This article [Opt. Eng. **50**, 087201 (2011)] was originally published on 28 Jul 2011 with a missing symbol on page 7, column 2, line 4. The correct equation is  $(FAR + FRR)/2$ .

Symbols were also missing from Tables 1 and 4. The corrected tables appear below.

The manuscript was corrected online on Sep 12, 2011. The article appears correctly in print.

**Table 1** FAR, FRR, and HTER of each level.

Level	First	Second	Third	Fourth
Distance threshold	48	43	37	31
FAR (%)	0.79	0.61	1.11	1.64
FRR (%)	0.85	0.58	0.94	1.82
HTER (%)	0.82	0.59	1.02	1.73

**Table 4** Running times, dimension of feature vectors, and recognition accuracy of six methods.

Method	Recognition rate (%)	Dimension of feature vector	Running time (s)
PCA	96.26	100	–
FLD	97.18	213	–
2DPCA	97.55	64×7	3.61
2DFLD	98.14	64×6	4.42
(2D) <sup>2</sup> PCA	99.38	8×8	0.89
Proposed	99.53	5×8	0.68