Correction to: Novel Randomized Placement for FPGA Based Robust ROPUF with Improved Uniqueness

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Published online: 19 December 2019
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Correction to: Journal of Electronic Testing
https://doi.org/10.1007/s10836-019-05829-5

The original article unfortunately contained a mistake. Corrections provided in a list form were not carried out.

Abstract:
Line 1: Physical unclonable functions (PUFs)

Paper:
Page 1:
Line 6: Application specific integrated circuits (ASICs)
Line 7: field programmable gated arrays (FPGAs)
Line 14: The earlier approaches,
Line 15: random guessing attacks,

Page 2:
Line 112: hamming distance difference should be kept as large as possible.

Page 3:
Line 181: presented an approach.

Page 4:
Line 264: They did not consider
Line 312: increased number of hardware

Page 6:
Line 391: checked for reliability.
Line 413: first phase have
Line 435: configurable logic blocks (CLBs)

Page 7:
Line 465: designed using MATLAB

Page 8:
Line 529: maximum frequency span for biased
Line 531: frequency span for biased

Page 9:
Line 582: approach shifts the centroid
Line 610: approach is sensitive
Line 615–616: linearly spaced frequencies are generated

Page 10:
Line 647: centroids have been
Line 659: similar to standard K-means

Page 11:
Line 689: based approach increases the
Line 692: provides same frequency difference

Page 13:
Line 772: number of samples
Line 775: time is considerably
Line 800: uniqueness metrics have been

Page 14:
Line 824: has been kept
Line 828: have been

The online version of the original article can be found at https://doi.org/10.1007/s10836-019-05849-1

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Page 15:
Line 870: should passed for a confidence
Line 881: which lead to failing of most of the tests

Page 16:
Line 927: response (R)

Page 17:
Line 959: two devices should not produce the same
Line 968: inter-chip
Line 971: inter-chip
Line 972: Figure 19a

Page 18:
Line 1047: group is able to pass
Line 1109: along with other

Table:
Table 1:
Footnote:
Line 4,5 -> change symbol ≤ with <

Table 3: Reference Correction.
ROPUF [43] -> [42]
Maiti-CRO [34] -> [32]
Improved ROPUF [26] -> [25]
Self compare [16] -> [15]
PUF-ID [18] -> [17]

Table 4:
Table header, column 3: Wost -> Worst.

Equations:
eq2: nom -> avg
eq15 τ -> M

Algorithms:
Algorithm 2:
point 7
line 2: bp to be -> bp = bc

Algorithm 3:
Point 3:
Line 3: threshold th to Δlsmax -> threshold Δlsmax to th

Reference:
Ref:23 line 1: puf -> PUF
Ref:34 line 2: puf -> PUF

Figure Caption:
Figure 9, Caption:
Line 1: K-means on X and MICD during iterations
Figure 17, Caption:
Line 1: minimum entropy lower bound

The original version has been corrected.