

## Erratum to “Visualization of Spatiotemporal Behavior of Discrete Maps via Generation of Recursive Median Elements”

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THE author of the paper “Visualization of Spatiotemporal Behavior of Discrete Maps via Generation of Recursive Median Elements,” which appeared in the *IEEE Transactions on Pattern Analysis and Machine Intelligence*, vol. 32, no. 2, pp. 378–384, Feb. 2010 [1], would like to point out that equation (15) on page 318 in [1] should have read as follows:

$$(N_{\max}) = \max \left\{ \left[ \min(\lambda : X^{t+1} \subseteq (X^t \oplus \lambda B)) \right], \left[ \min(\lambda : (X^{t+1} \ominus \lambda B) \subseteq X^t) \right] \right\}. \quad (15)$$

The author would also like to point out that Table 3 and the first sentence following this table on page 383 in [1] should have read as follows:

**Table 3**  
Hausdorff Distance Values

$t$	$\rho[M(X^t, X^{t+2}), X^{t+1}]$	$\sigma[M(X^t, X^{t+2}), X^{t+1}]$	$\rho(X^t, X^{t+1})$	$\sigma(X^t, X^{t+1})$
1896	8	2	7	1
1897	2	2	1	1
1898	1	1	1	1
1899	4	2	1	1
1900	12	9	1	1
1901	8	7	2	1
1902	8	8	1	1
1903	3	3	2	1
1904	2	2	1	1
1905	-	-	2	1

The lower the difference between the values of  $\rho[M(X^t, X^{t+2}), X^{t+1}]$  or  $\sigma[M(X^t, X^{t+2}), X^{t+1}]$  and  $\rho(X^t, X^{t+1})$  or  $\sigma(X^t, X^{t+1})$  is, the higher the degree of matching is.

The author is grateful to Raghvendra Sharma for finding these typo-errors while understanding the algorithm’s description.

## REFERENCES

- [1] B.S.D. Sagar, “Visualization of Spatiotemporal Behavior of Discrete Maps via Generation of Recursive Median Elements,” *IEEE Trans. Pattern Analysis and Machine Intelligence*, vol. 32, no. 2, pp. 378–384, Feb. 2010.

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