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Erratum

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Erratum to “Hierarchizing graph-based image segmentation algorithms relying on region dissimilarity: the case of the Felzenszwalb-Huttenlocher method”

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Abstract: The original version of the article was published in Mathematical Morphology - Theory and Applications 2 (2017) 55–75. Unfortunately, the original version contains a mistake: in the definition of $Dif(C_1, C_2)$ in Section 3.6, max should be replaced by min. In this erratum we correct the formula defining $Dif(C_1, C_2)$.

Keywords: scale set theory, quasi-flat zone hierarchy, minimum spanning tree, hierarchical image segmentation, graph-based method

The first formula in Section 3.6 in the original version of the article [1],

$$Dif(C_1, C_2) = \max\{w(\{x, y\}) \mid x \in V(C_1), y \in V(C_2), (x, y) \in E\},$$

should be

$$Dif(C_1, C_2) = \min\{w(\{x, y\}) \mid x \in V(C_1), y \in V(C_2), (x, y) \in E\}.$$

The rest of the article is not influenced by this replacement.

References

[1] Guimarães, S., Kenmochi, Y., Cousty, J., Patrocinio, Z., Najman, L.: Hierarchizing graph-based image segmentation algorithms relying on region dissimilarity: the case of the Felzenszwalb-Huttenlocher method. Mathematical Morphology - Theory and Applications 2, 55–75 (2017). 10.1515/mathm-2017-0004

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