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Publication date:

2015-06

Permanent link:

<https://doi.org/10.3929/ethz-b-000101163>

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Originally published in:

Journal of Computational Neuroscience 38(3), <https://doi.org/10.1007/s10827-015-0555-7>

Erratum to: Bayes optimal template matching for spike sorting – combining fisher discriminant analysis with optimal filtering

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Published online: 15 April 2015
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Erratum to: J Comput Neurosci
DOI 10.1007/s10827-015-0547-7

In the original version of the article, the following equations in the appendix were incorrectly displayed.

Matched filtering

First inline equation: $y(t) = \sum_i f_i * x(t)$

Derivation of Bayes Optimal Template Matching

Incorrect line break in inline equation: $f_i = C^{-1} \xi_i$

Definition of c_i : $c_i = -\frac{1}{2} \xi_i^T C^{-1} \xi_i + \ln(p(i))$

Discriminant function for noise

Equation (8): $d_n(t) = X(t)^T C^{-1} 0 - \frac{1}{2} 0^T C^{-1} 0 + \ln(p(n))$

Equation (9): $d_n(t) = thr = d_n = \ln\left(1 - \sum_i p(i)\right)$

The online version of the original article can be found at <http://dx.doi.org/10.1007/s10827-015-0547-7>.

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