

To whom it may concern:

This letter is to confirm that the contributions of authors of the paper

Paweł Ksieniewicz, Michał Woźniak, Bogusław Cyganek, Andrzej Kasprzak, Krzysztof Walkowiak, Data stream classification using active learned neural networks, Volume 353, 11 August 2019, Pages 74-82, <https://doi.org/10.1016/j.neucom.2018.05.130>

are as follows:

**Paweł Ksieniewicz**

Overall contribution: 70%

Proposed the algorithm

Contributed to design, implementation, experiments, data analysis and interpretation, writing.

Corresponding author.

**Michał Woźniak**

Overall contribution: 15%

Proposed joint research and selected the journal. Correction of the algorithm proposal

Contributed to data collection and data analysis.

**Bogusław Cyganek**

Overall contribution: 5%

Contributed to data collection and data analysis.

**Andrzej Kasprzak**

Overall contribution: 5%

Contributed to data collection and data analysis.

**Krzysztof Walkowiak**

Overall contribution: 5%

Contributed to data collection and data analysis.

Sincerely,

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