Załącznik 6

Oświadczenia współautorów prac wchodzących w skład cyklu publikacji przedstawionego jako osiągnięcie habilitacyjne

Kraków, 22.05.2018

To Whom It May Concern:

This letter is to confirm that the contributions of authors of the paper:
K. Nurzyńska, A. Piórkowski, "The correlation analysis of the shape parameters for endothelial image characterisation", *Journal of Image Analysis and Stereology*, vol. 35, no. 3, pp. 149, 2016, are as follows:

Karolina Nurzyńska overall contribution 80% consisted of

- a proposition of methods for cell shape description,
- performing the experiments,
- results analysis and interpretation,
- writing 80% of the paper,
- acting as a corresponding author.

Adam Piórkowski overall contribution 20% consisted of

- data analysis and interpretation,
- preparation of 20% of the manuscript,
- selection of the journal.

Sincerely,
dr hab. inż. Adam Piórkowski
Katedra Geoinformatyki i Informatyki Stosowanej
Akademia Górniczo-Hutnicza

Gliwice, 22.05.2018

To Whom It May Concern:

This letter is to confirm that the contributions of authors of the paper: K. Nurzyńska, B. Smołka, "Smile veracity recognition using LBP features for image sequence processing", in proceedings of International Conference on Systems Informatics, Modelling and Simulation (SIMS), pp. 89–93, IEEE, 2016, are as follows:

Karolina Nurzyńska overall contribution 80% consisted of

- a proposition of a novel texture description method based on information derived from texture changes in consecutive frames in the image sequence,
- performing the experiments,
- analysing results,
- writing the paper,
- acting as the corresponding author,
- and presenting the paper at the conference.

Bogdan Smołka overall contribution 20% consisted of:

- data analysis and interpretation,
- selection of the conference.

Sincerely,
prof. dr hab. Bogdan Smołka
Instytut Automatyki
Wydział Automatyki, Elektroniki i Informatyki,
Politechnika Śląska

Gliwice, 22.05.2018

To Whom It May Concern:

This letter is to confirm that the contributions of authors of the paper:
K. Nurzyńska, B. Smołka, "Smiling and neutral facial display recognition
with Local Binary Patterns operator", *Journal of Medical Imaging and Health
Informatics*, vol. 5, no. 6, pp. 1–9, 2015, are as follows:

Karolina Nurzyńska overall contribution 80% consisted of

- a preparation of an experiment methodology,
- performing the experiments,
- results analysis and interpretation,
- writing the paper,
- acting as a corresponding author.

Bogdan Smołka overall contribution 20% consisted of

- data analysis and interpretation,
- selection of the journal.

Sincerely,
prof. dr hab. Bogdan Smołka
Instytut Automatyki
Wydział Automatyki, Elektroniki i Informatyki,
Politechnika Śląska

Gliwice, 22.05.2018

To Whom It May Concern:

This letter is to confirm that the contributions of authors of the paper: K. Nurzyńska, B. Smołka, "PCA application in classification of smiling and neutral facial displays", in Beyond Databases, Architectures and Structures, S. Kozielski et al. (Eds.) pp. 398–407, Springer International Publishing, 2015, are as follows:

Karolina Nurzyńska overall contribution 80% consisted of

- implementation of feature space reduction for emotion data analysis,
- performing the experiments,
- results analysis and interpretation,
- writing the paper,
- acting as a corresponding author.

Bogdan Smołka overall contribution 20% consisted of

- data analysis and interpretation,
- selection of the conference.

Sincerely,
prof. dr hab. Bogdan Smołka
Instytut Automatyki
Wydział Automatyki, Elektroniki i Informatyki,
Politechnika Śląska

Gliwice, 22.05.2018

To Whom It May Concern:

This letter is to confirm that the contributions of authors of the paper:
K. Nurzyńska, B. Smołka, "Power LBP: A novel texture operator for smiling
and neutral facial display classification", *Procedia Computer Science*, vol. 51,
pp. 1555–1564, 2015, are as follows:

Karolina Nurzyńska overall contribution 50% consisted of

- application of power LBP method for facial gesture expression
  analysis,
- performing the experiments,
- results analysis and interpretation,
- writing the paper,
- acting as a corresponding author.

Bogdan Smołka overall contribution 50% consisted of

- introduction of power LBP concept,
- contributed to data analysis and interpretation,
- selection of the journal.

Sincerely,
prof. dr hab. Bogdan Smołka
Instytut Automatyki
Wydział Automatyki, Elektroniki i Informatyki,
Politechnika Śląska

26.04.2017, Kanazawa

To Whom It May Concern:

This letter is to confirm that the contributions of authors of the paper: Nurzynska K., Kubo M., Muramoto K. „Texture operator for snow particle classification into snowflake and graupel", *Atmospheric Research*, 118:121-132 (2012), http://dx.doi.org/10.1016/j.atmosres.2012.06.013. , are as follows:

Karolina Nurzynska
- Overall contribution: 90%.
- Proposed application of textures for problem solution.
- Designed local texture statistic operators.
- Contributed to design, implementation, experiments, data analysis and interpretation, writing.
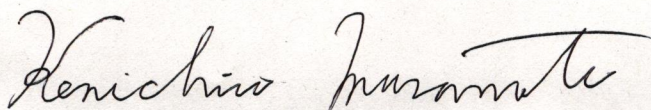- Selected the journal and was the corresponding author.

Mamoru Kubo
- Overall contribution: 5%.
- Contributed to data collection.

Ken-Ichiro Muramoto
- Overall contribution: 5%.
- Proposed joint research.
- Contributed to data collection and data analysis.

Sincerely,

Mamoru Kubo
Kanazawa University

26.04.2017, Kanazawa

To Whom It May Concern:

This letter is to confirm that the contributions of authors of the paper: Nurzynska K., Kubo M.,
Muramoto K. „Texture operator for snow particle classification into snowflake and graupel",
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  writing.
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Mamoru Kubo

- Overall contribution: 5%.
- Contributed to data collection.

Ken-Ichiro Muramoto

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- Proposed joint research.
- Contributed to data collection and data analysis.

Sincerely,

Ken-Ichiro Muramoto

26.04.2017, Kanazawa

To Whom It May Concern:

This letter is to confirm that the contributions of authors of the paper: Nurzynska K., Kubo M., Muramoto K. „Shape Parameters for Automatic Classification of Snow Particles into Snowflake and Graupel", *Meteorological Applications* 20(3):257-265 (2011), DOI: 10.1002/met.299, are as follows:

Karolina Nurzynska
- Overall contribution: 90%.
- Proposed application of shape parameters for problem solution.
- Designed flake number, corner number, concave number, max min distance, max min centre distance.
- Contributed to design, implementation, experiments, data analysis and interpretation, writing.
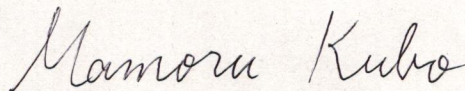- Corresponding author.

Mamoru Kubo
- Overall contribution: 5%.
- Contributed to data collection.

Ken-Ichiro Muramoto
- Overall contribution: 5%.
- Proposed joint research and selected the journal.
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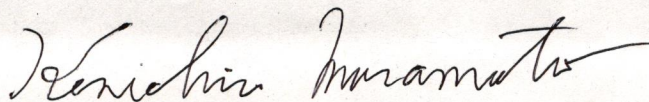- Corresponding author.

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Sincerely,

Ken-Ichiro Muramoto

26.04.2017, Kanazawa

To Whom It May Concern:

This letter is to confirm that the contributions of authors of the paper: Nurzynska K., Kubo M., and Muramoto K. „2D Feature Space for Snow Particle Classification into Snowflake and Graupel", *IEICE Transactions on Information and System*, E93-D(12):3344-3351 (2010)

Karolina Nurzynska
- Overall contribution: 90%.
- Proposed application of shape parameters for problem solution.
- Designed volume descriptor.
- Suggested classification methodology.
- Contributed to design, implementation, experiments, data analysis and interpretation, writing.
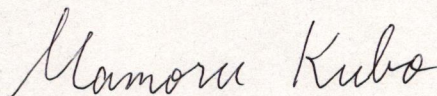- Corresponding author.

Mamoru Kubo
- Overall contribution: 5%.
- Contributed to data collection.

Ken-Ichiro Muramoto
- Overall contribution: 5%.
- Proposed joint research and selected the journal.
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Kanazawa University

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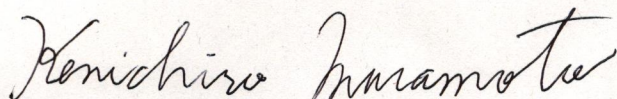- Corresponding author.

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Sincerely,

Ken-Ichiro Muramoto