Biomedical Optics EXPRESS

Deep learning-based method for the continuous detection of heart rate in signals from a multi-fiber Bragg grating sensor compatible with magnetic resonance imaging: supplement

MARIUSZ KREJ,[1] TOMASZ OSUCH,[2,3] ALICJA ANUSZKIEWICZ,[2,4] STANISŁAW STOPINSKI,[5] KRZYSZTOF ANDERS,[5] KRZYSZTOF MATUK,[6] ANDRZEJ WEIGL,[6] EUGENIUSZ TARASOW,[6,7] RYSZARD PIRAMIDOWICZ,[5] AND LUKASZ DZIUDA[1,*]

[1]*Military Institute of Aviation Medicine, Department of Psychophysiological Measurements and Human Factor Research, Krasinskiego 54/56, 01-755 Warsaw, Poland*
[2]*Warsaw University of Technology, Faculty of Electronics and Information Technology, Institute of Electronic Systems, Warsaw University of Technology, Nowowiejska 15/19, 00-665 Warsaw, Poland*
[3]*National Institute of Telecommunications, Szachowa 1, 04-894 Warsaw, Poland*
[4]*Lukasiewicz Research Network - Institute of Microelectronics and Photonics, Photonic Materials Group, al. Lotnikow 32/46, 02-668 Warsaw, Poland*
[5]*Warsaw University of Technology, Faculty of Electronics and Information Technology, Institute of Microelectronics and Optoelectronics, Koszykowa 75, 00-662 Warsaw, Poland*
[6]*TMS Diagnostyka Sp. z o.o., Wiertnicza 84, 02-952 Warsaw, Poland*
[7]*Medical University of Bialystok, Faculty of Medicine, Department of Radiology, Kilinskiego 1, 15-089 Bialystok, Poland*
*ldziuda@wiml.waw.pl

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The source code for data preparation, neural network learning, and HR detection method software available at GitHub contains the following repositories:

- https://github.com/mkkmod/TCN/
  TCN code forked from github.com/locuslab/TCN adapted to interoperate with ONNX

- https://github.com/mkkmod/OptoSigNN/
  Python code for learning TCN as the signal aggregator for the method of continuous HR detection in signals from the multi-FBG sensor

- https://github.com/mkkmod/OptoHrSrcSigQuality/
  R language scripts used to create the learning set to learn the signal aggregator, which is a component of the method of continuous HR detection in signals from the multi-FBG sensor

- https://github.com/mkkmod/SasDspExts/
  C# language code of the method of continuous HR detection in signals from the multi-FBG sensor