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2022

1. J. Jakubowski, P. Stanisz, S. Bobek, and G. J. Nalepa, "**Anomaly Detection in Asset Degradation Process Using Variational Autoencoder and Explanations**," *Sensors*, vol. 22, no. 1, p. 291, 2022, doi: 10.3390/s22010291.
2. K. Kutt, P. Sobczyk, and G. J. Nalepa, "**Evaluation of Selected APIs for Emotion Recognition from Facial Expressions**," in *Bio-inspired Systems and Applications: from Robotics to Ambient Intelligence - 9th International Work-Conference on the Interplay Between Natural and Artificial Computation, IWINAC 2022, Puerto de la Cruz, Tenerife, Spain, May 31 - June 3, 2022, Proceedings, Part II*, 2022, vol. 13259, pp. 65–74, doi: [https://doi.org/10.1007/978-3-031-06527-9_7|10.1007/978-3-031-06527-9_7]].
3. J. Jakubowski, P. Stanisz, S. Bobek, and G. J. Nalepa, "**Performance of Explainable {AI} Methods in Asset Failure Prediction**," in *Computational Science - ICCS 2022 - 22nd International Conference, London, UK, June 21-23, 2022, Proceedings, Part IV*, 2022, vol. 13353, pp. 472–485, doi: 10.1007/978-3-031-08760-8_40.
4. M. Kuk, S. Bobek, and G. J. Nalepa, "**Comparing Explanations from Glass-Box and Black-Box Machine-Learning Models**," in *Computational Science - ICCS 2022 - 22nd International Conference, London, UK, June 21-23, 2022, Proceedings, Part III*, 2022, vol. 13352, pp. 668–675, doi: 10.1007/978-3-031-08757-8_55.

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