

**Expect : eXplainable prediction model for energy consumption**

Mouakher, Amira; **Inoubli, Wissem**; **Ounoughi, Chahinez**; Ko, Andrea Mathematics 2022 / art. 248

<https://doi.org/10.3390/math10020248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Explainability and transparency of classifiers for air-handling unit faults using explainable artificial intelligence (XAI)**

**Meas, Molika**; Machlev, Ram; **Köse, Ahmet**; **Tepljakov, Aleksei**; **Loo, Lauri**; Levron, Yoash; **Petlenkov, Eduard**; **Belikov, Juri**

Sensors 2022 / art. 6338 : ill <https://doi.org/10.3390/s22176338> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

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**Explaining the decisions of deep learning models for load disaggregation (NILM) based on XAI**

Machlev, Ram; Malka, Asaf; Perl, Michael; Levron, Yoash; **Belikov, Juri** 2022 IEEE Power & Energy Society General Meeting

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**Interpretable machine learning for heterogeneous treatment effect estimators with Double ML: a case of access to credit for SMEs**

**Medianovskyi, Kyrylo**; Malakauskas, Aidas; Lakstutiene, Ausrine; **Ben Yahia, Sadok** Procedia computer science 2023 / p. 2163-

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**PMU placement for fault line location using neural additive models—A global XAI technique**

Perl, Michael; Sun, Zhenglong; Machlev, Ram; **Belikov, Juri**; Levy, Kfir Yehuda; Levron, Yoash International journal of electrical power

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