

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

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Neural Architecture Search (NAS) for designing optimal power quality disturbance classifiers

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Open source dataset generator for power quality disturbances with deep-learning reference classifiers

Machlev, Ram; Chachkes, A.; **Belikov, Juri**; Beck, Yuval; Levron, Yoash Electric power systems research 2021 / art. 107152, 7 p. : ill <https://doi.org/10.1016/j.eprsr.2021.107152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

PF-FEDG : an open-source data generator for frequency disturbance event detection with deep-learning reference classifiers

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A public dataset for synchronous motor electrical faults diagnosis with CNN and LSTM reference classifiers

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Stacking deep-learning model, stories and drawing properties for automatic scene generation

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Universal XR framework architecture based on open-source XR tools

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