

Automatized detection and classification of events in the time series of hydraulic sensors

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english or Czech/Slovak ?

1 Introduction

we have time series of flow, level and velocity coming from water canals and pipes

- assignment - detection and correction,

- condition - only univariate time series itself can be considered

- there is no target, no example of what errors look like nor of what corrected time series looks like

- output - python library for automatized performing of the assigned tasks

2 Data

3 Identified Events

4 Corrections of Errors

5 Performance Evaluation

no target \Rightarrow not clear how to do this, but detection of events done expertly with the help of consultations, basic idea for evaluation of corrections could be that no (only few) errors should be detected in already corrected time series

6 Python Library

very brief summary of what the resulting library contains, how it is used, + link to the github page (we should probably restrict it with a password)

7 Conclusion