Dr Shuixiu Lu

Dr Shuixiu Lu

Research Fellow

Theme 2

Shuixiu is a Research Fellow with Research Theme 2. She is working on developing methods and software tools to support symbolic sequence modelling on industrial data sets.

Shuixiu' s research focuses on symbolic representations, data-driven modelling of dynamical systems, and nonlinear time series analysis.

Her specific studies are in applying complex dynamics for addressing oscillations and vibrations.

Shuixiu is eager to apply nonlinear time series analysis for reconstructing attractors of industrial signals, machine learning for identifying complex dynamical systems, and networks for representing the topology of nonlinear systems.
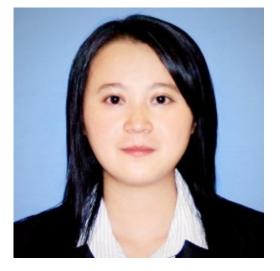
LinkedIn

Publications

- Recurrence-based reconstruction of dynamic pricing attractors (...) —

Journal Article

Dr Shuixiu Lu

Authors: Shuixiu Lu - Sebastian Oberst
2023-06-13

Presentations

- Nonlinear time series analysis of industrial data with uncertainty (...) —

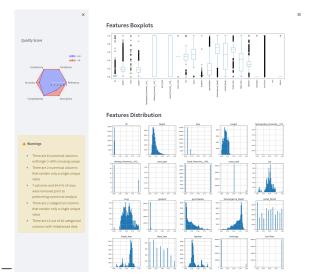#### Dr Shuixiu Lu

Research Fellow

Theme 2
2023-08-18

Awards and Prizes

Content by label

There is no content with the specified labels

Tools

- IDEA Tool (...) — 2022-07-06

Evaluate the appropriateness of data for the purposes of maintenance predictive analytics

Theme 2 Theme 5