FRI2-A4

A Study of Causal Modeling with Time Delay for Frost Forecast Using Machine Learning from Data

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Abstract: There is a method for predicting frost occurrence in a short period of time using causal modeling with time delay. In this method, the input is an environmental factor, and there is a great potential for granulation for this environmental factor. In this study, we show that the accuracy of predicting frost occurrence can be improved by appropriately granulating the input environmental factors for each them.

SAT1-A1

How to Work? How to Study? Shall We Cram for the Exams? And How Is This Related to Life on Earth?

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Abstract: If we follow the same activity for a long time, our productivity decreases. To increase productivity, a natural idea is therefore to switch to a different activity, and then to switch back and resume the current task. On the other hand, after each switch, we need some time to get back to the original productivity. As a result, too frequent switches are also counterproductive. Natural questions are: shall we switch? if yes, when? In this paper, we use a simple model to provide approximate answers to these questions.

SAT1-A2

Why Quantum Techniques Are a Good First Approximation to Economic Phenomena, and What Next

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