

Actualization of Causality-Based Transparency and Accuracy in System Modeling with Human-Machine Collaboration

**D. Moritz Marutschke^{*}, Hiroshi Nakajima², Naoki Tsuchiya², Mitsuhiro Yoneda²,
Taro Iwami² and Katsuari Kamei¹**

¹ Ritsumeikan University, Kyoto, Japan

² OMRON Corporation, Kyoto, Japan

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Abstract

Considering the volumes of data sets and complexity of analysis in the future, a concept is needed to equip the researcher with a method to acquire causality, transparency and accuracy. We propose an extended process of human-machine collaboration in combining expert knowledge in the field of conceptual causality, variable selection and their combination, and inspection with computational precision to gain a method with a 3-step causality and transparency.