

Spatiotemporal data analysis with dynamic mode decomposition

*Yoshinobu Kawahara¹

1. Osaka University

Dynamic mode decomposition (DMD) is a method for estimating a modal representation of the underlying dynamics from spatiotemporal data, and has been recently applied to a variety of scientific fields. In this talk, I give a brief review on the principles of DMD, and describe the recent development of the related methods with several applications to scientific data.

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