

## **Real-Time Construction of Optimized Predictors from Data Streams** F Kwasniok & LA Smith

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## Abstract

A new approach to the construction and optimization of local models is proposed in the context of data streams, that is, unlimited sources of data where the utilization of all observations is impractical. Realtime revision of the learning set allows selective coverage of regions in state space which contribute most to reconstructing the underlying dynamical system.

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