The Loewner framework for MOR of linear and nonlinear systems

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Parametrized model order reduction (PMOR) addresses the problem of finding reduced-order models that accurately capture the behavior of parameter-dependent, large-scale systems. A new method for PMOR was recently introduced which uses the Loewner framework (PMOR-L). In this talk we will present an extension of PMOR-L to nonlinear systems.

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