MoRePaS 2015
Model Reduction of Parametrized Systems III

TOPICS
• Reduced basis methods
• Proper orthogonal decomposition
• Proper generalized decomposition
• Approximation theory related to model reduction
• Learning theory and compressed sensing
• Stochastic and high-dimensional problems
• System-theoretic methods
• Nonlinear Model Reduction
• Reduction of coupled problems/multiphysics
• Optimization and optimal control
• State estimation and control
• Reduced order models and domain decomposition methods
• Krylov-subspace and interpolatory methods
• Application to real, industrial and complex problems

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SISSA mathLab team

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