

EU-MORNET and Recent Developments in MOR

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Abstract

We begin by presenting the European Model Reduction Network EU-MORNET, a COST Action. It brings together researchers in MOR and related areas from all over Europe, organizes workshops, working group meetings, summer schools, and has also many other activities. After this introduction, some new developments in the area of model order reduction will be discussed, as well as applications to industrial challenges. Most notably methods for coupled systems and differential algebraic equations.

References

1. W.H.A. SCHILDERS AND H.A. VAN DER VORST AND J. ROMMES. Model order reduction: Theory, Research Aspects and Applications. Springer Verlag, 2009.