Christian Himpe (himpe@mpi-magdeburg.mpg.de)

Max-Planck Institute for Dynamics of Complex Technical Systems
Computational Methods in Systems and Control Theory Group

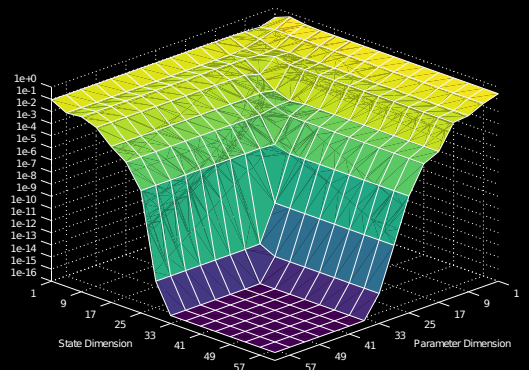
My Interests:

Applied Mathematics
Model Reduction
Complex Networks
System Theory
Control Engineering
Scientific Computing

My Research:

Nonlinear Model Order Reduction
Combined State and Parameter Reduction
Model Reduction for Hyperbolic PDAEs

$$\dot{x}(t) = f(x(t), u(t), \theta)$$
$$y(t) = g(x(t), u(t), \theta)$$



My Software:

`emgr` - EMpirical GRamian Framework
More info at: gramian.de

Me: himpe.science (orcid: 0000-0003-2194-6754)