

postprocessing

uncertainty quantification

$\mathbb{E}[y_{hi} - f_i]$, $\text{Var}[y_{hi} - f_i]$, ...

sensitivity analysis

S_{θ_1} , S_{θ_2} , S_{θ_3} , S_{θ_1, θ_2} , ...

sparse grid surrogate model

$y_{SG}(\theta)$

optimization

multi-fidelity modeling

...