perform high-fidelity simulation $\hat{f}_{hi-fi}(\theta_{19.1};\theta_{19.2};\theta_{19.3})$

 $f_{hi-fi}(\theta_{21,1};\theta_{21,2};\theta_{21,3})$

perform high-fidelity simulation

perform high-fidelity simulation

 $f_{\text{bi}=fi}(\theta_{20.1}; \theta_{20.2}; \theta_{20.3})$

compute output of interest
$$y_{hi-fi}(\theta_{20,1};\theta_{20,2};\theta_{20,3})$$

 $y_{hi-fi}(\theta_{21,1}; \theta_{21,2}; \theta_{21,3})$

compute output of interest

compute output of interest

 $y_{hi-fi}(\theta_{19.1}; \theta_{19.2}; \theta_{19.3})$

$$y_{\text{hi}-\text{fi}}(\theta_{20,\,1};\,\theta_{20,\,2};\,\theta_{20,\,3})$$

compute output of interest
$$y_{h_1-f_1}(\theta_{20,1};\theta_{20,2};\theta_{20,3})$$