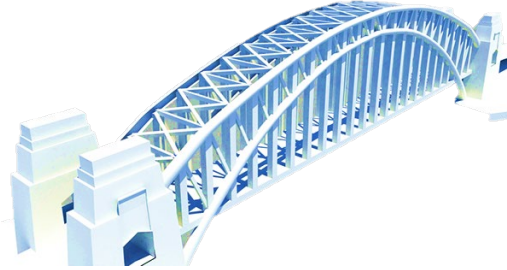
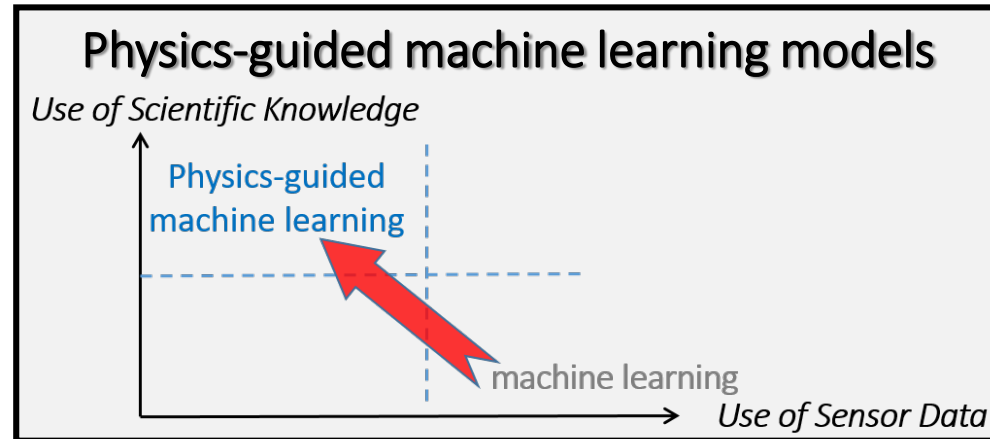


High-fidelity Models

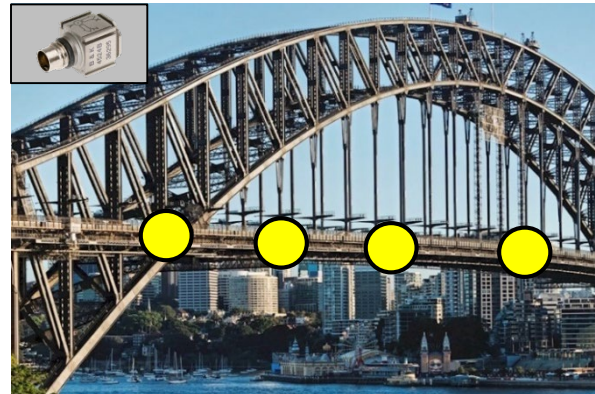


- the modeling is expensive
- requiring deep expert knowledge
- less adaptive

Physical Assets



Sensing & Data Acquisition



\mathbf{x}

- the modeling is faster
- providing actual conditions
- more adaptive

Surrogate Models

$$\dot{\mathbf{z}} = \hat{f}(\mathbf{z})$$