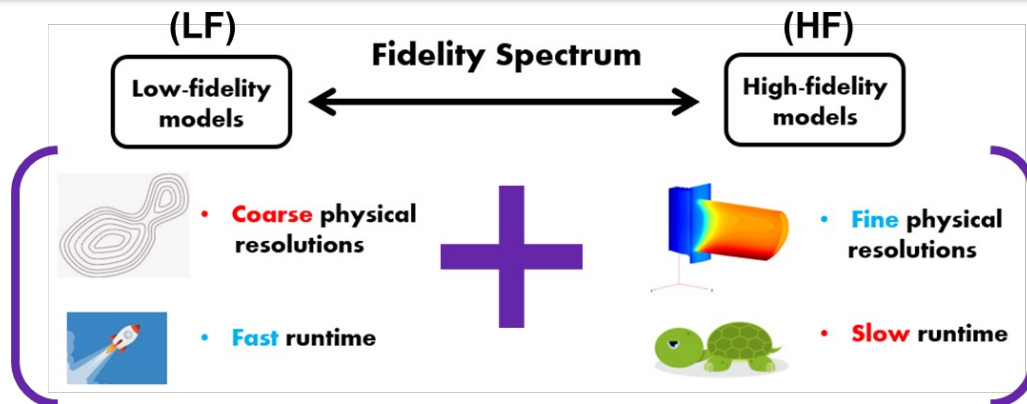
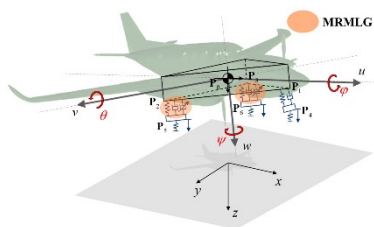


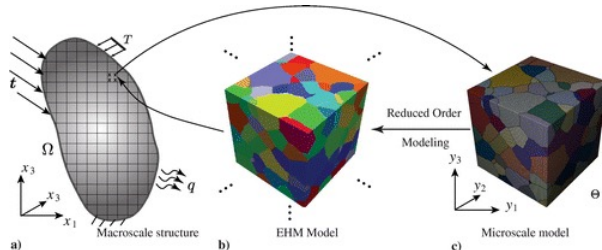
# Multi-Fidelity (MF) Data Fusion



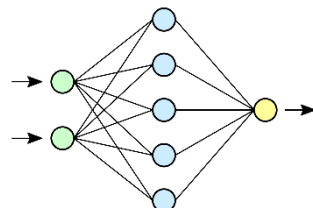
With various types of LF models...



Analytical Model



Reduced Order Model (ROM)



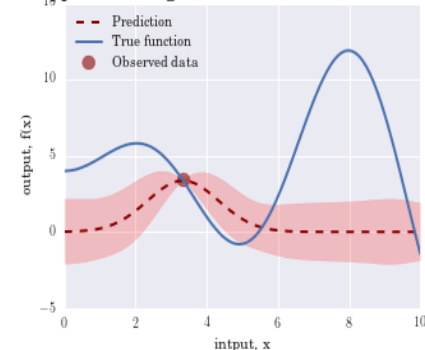
Data driven model

The fidelity level may not be ranked and differentiable

# Adaptive Sampling

## Global Fitting (GF)

Approximating true function with more data



## Bayesian Optimization (BO)

