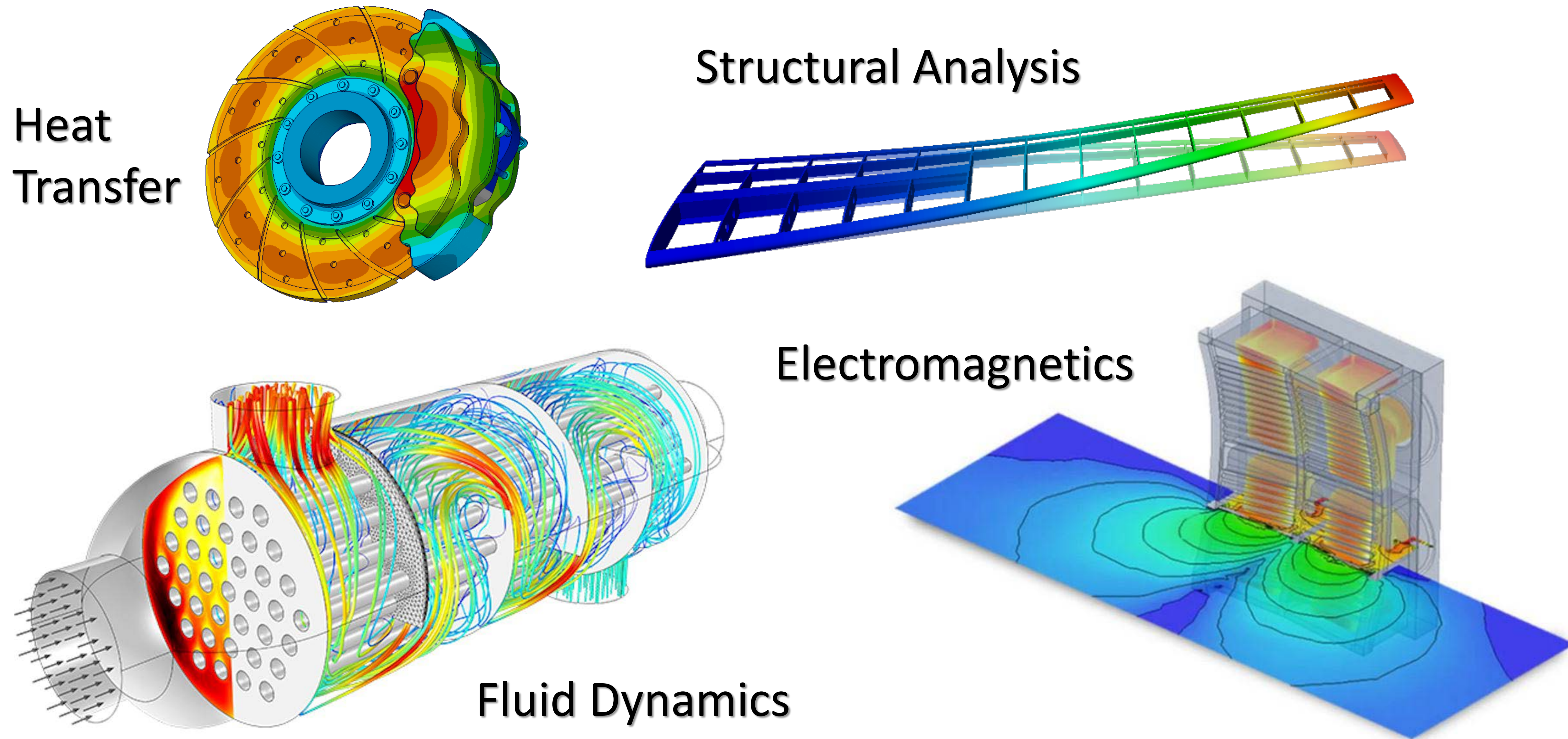


What is Physics-Informed Machine Learning (PIML)?

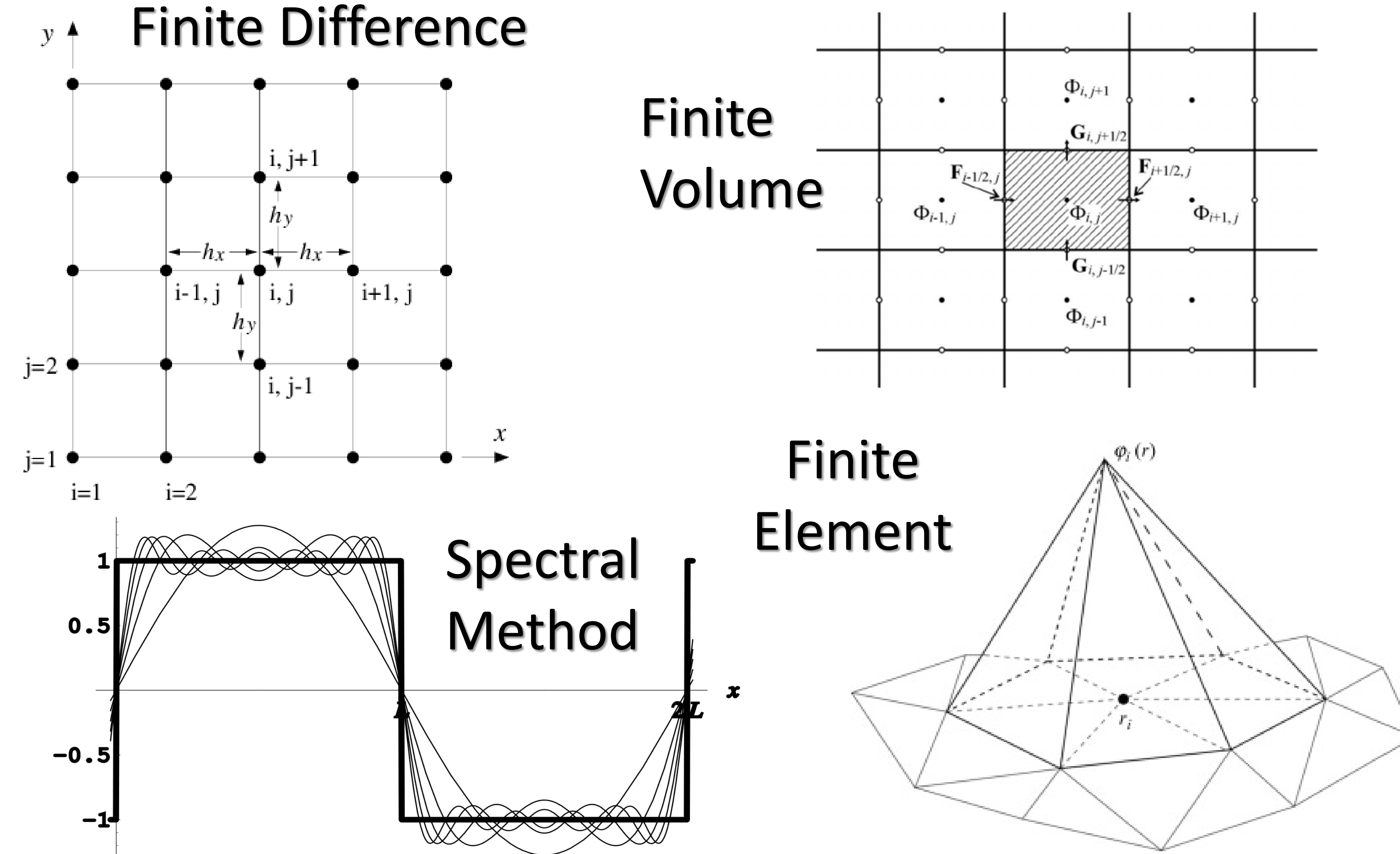
AI²: Artificial Intelligence, Adaptation, and Innovation Group



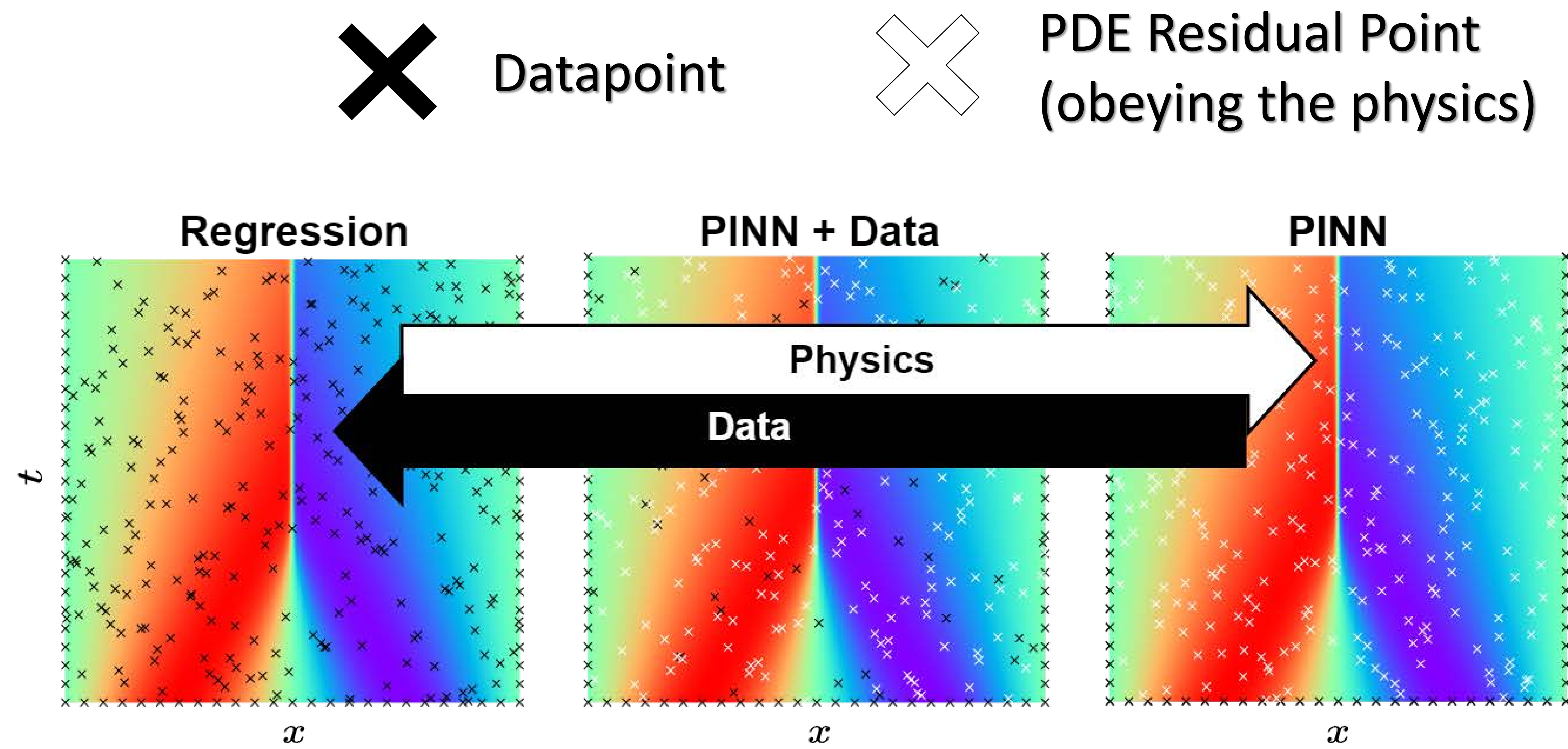
Solving Partial Differential Equations (PDEs): Why?



Traditional Approaches to Numerical Methods for PDEs



Incorporating Physics into Neural Network Learning



Physics-Informed Neural Networks (PINNs)

