Lecture 26: Physicsinformed deep neural networks

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Overview of physics-informed deep neural networks

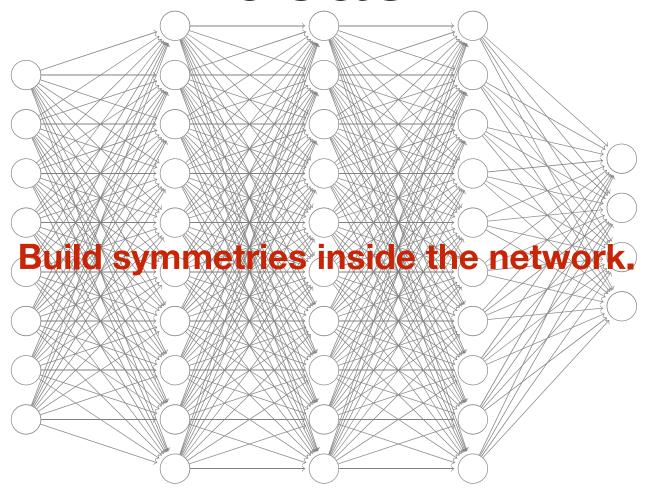


Physics-informed deep learning

- Exploiting symmetries, invariances, and equivariances.
- Exploiting available physical equations (differential equations, partial differentiation equations).



Ideas



 $L(\theta) =$ Data part + Physics-informed regularization

