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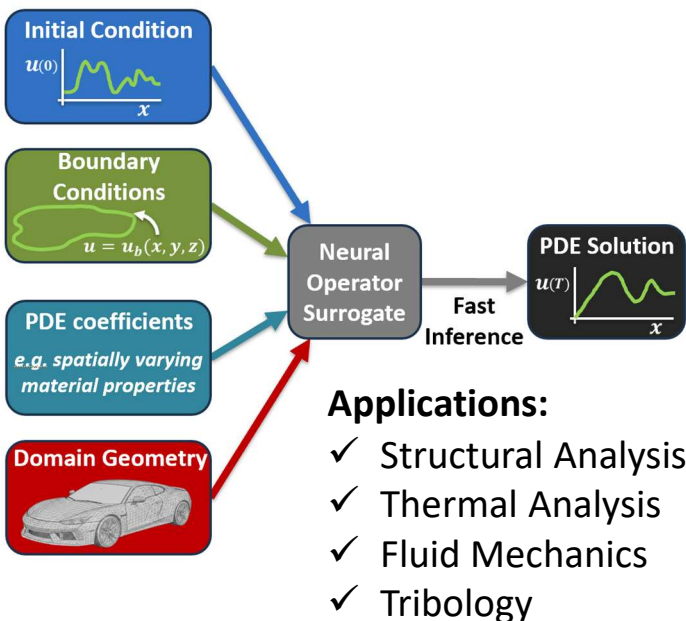
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<https://mcubedlab.com/>

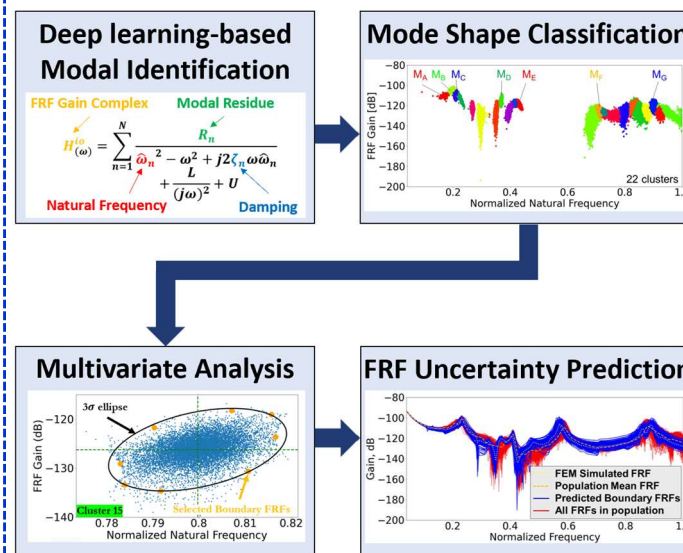


- Scientific Machine Learning (SciML) for Computational Engineering
- Structural Dynamics, System Identification, Uncertainty Quantification
- Micro- and Nanoscale Fluid Mechanics

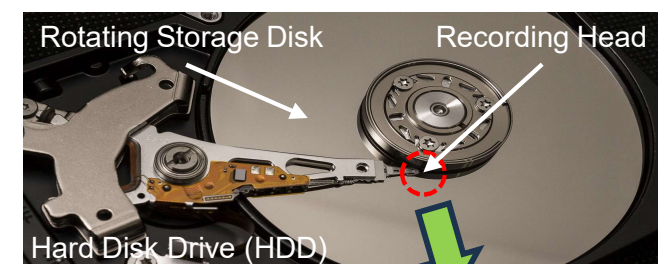
Neural Operators & Foundation Models for accelerating Engineering Simulations



System Identification and Uncertainty Quantification for Multi-Input Multi-Output Devices



Modeling Fluid Flow and Fluid-Structure Interactions in Micro- and Nanoscale Devices



Nanoscale Lubricant Flow at the HDD Head-Disk Interface

