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## **An API for training Physics-Informed Kolmogorov-Arnold Networks using Nvidia Modulus SYM**

In this contribution we discuss the novel neural network architecture, based on the Kolmogorov-Arnold Representation Theorem, dubbed “Kolmogorov-Arnold Network” (KAN), its variants (like the Chebyshev-KAN, the Jacobi-KAN, the FastKAN), and its applications to numerical resolution of PDEs via the Physics-Informed Neural Network (PINN) framework.

We discuss our implementation of the API for using seamlessly these network architectures within a widely adopted open source package for PINN, Nvidia Modulus SYM.

### **Giorno preferito**

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