

Get started with DeepInverse for image reconstruction with deep learning

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Writing code to reconstruct images with AI requires defining many moving parts, such as the imaging operator or network architecture. At the same time, a growing plethora of algorithms, from diffusion to foundation models, offer to solve the inverse problem. DeepInverse is a PyTorch-based library that accelerates deep learning research across imaging domains, enhances research reproducibility via a common modular framework of problems and algorithms, and lowers the entrance bar to new practitioners with its award-winning documentation and examples. In this tutorial, you will learn how to get started with DeepInverse for your own experiments and imaging modalities.