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## Sample Code

# Filtering images with MPSGraph FFT operations

Filter an image with MPSGraph fast Fourier transforms using the convolutional theorem.

Download

macOS 14.0+ | Xcode 15.0+

## Overview

### Note

This sample code project is associated with WWDC23 session 10050: [Optimize machine learning for Metal apps](#).

## See Also

## Essentials



Adding custom functions to a shader graph

Run your own graph functions on the GPU by building the function programmatically.



Training a neural network using MPSGraph

Train a simple neural network digit classifier.