Assignment 5: Discrete Fourier Transform

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Q3: Notch filter

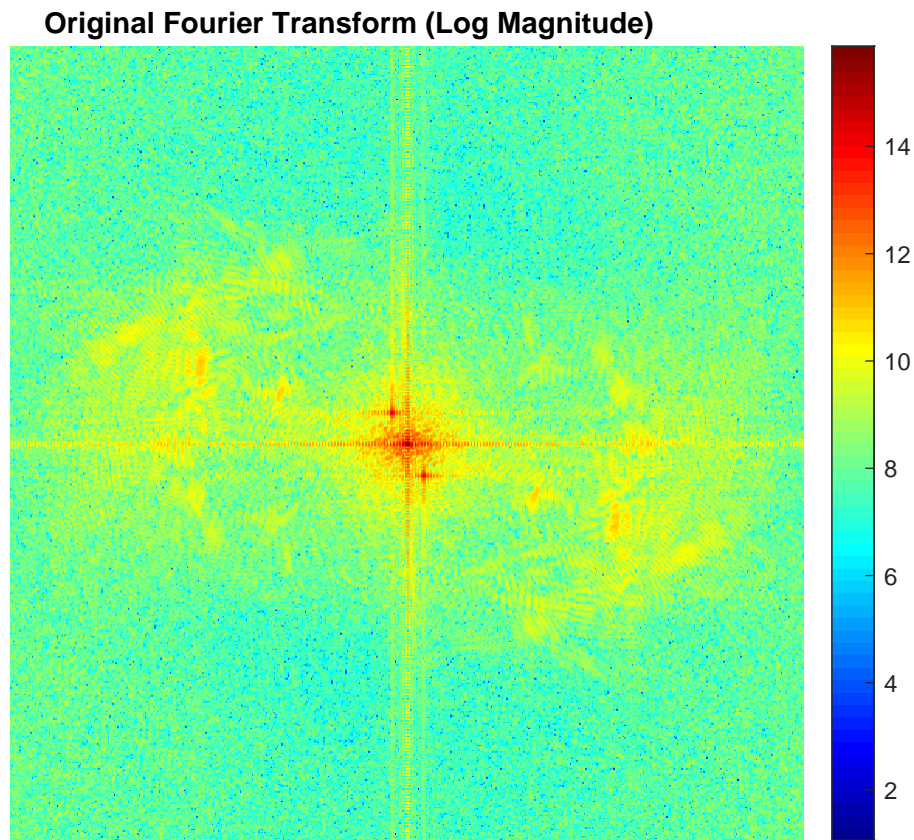# 1. Output Images

Original Image

Fig 1: Original Image

Original Fourier Transform (Log Magnitude)

Fig 2: Log Magnitude of Fourier Transform

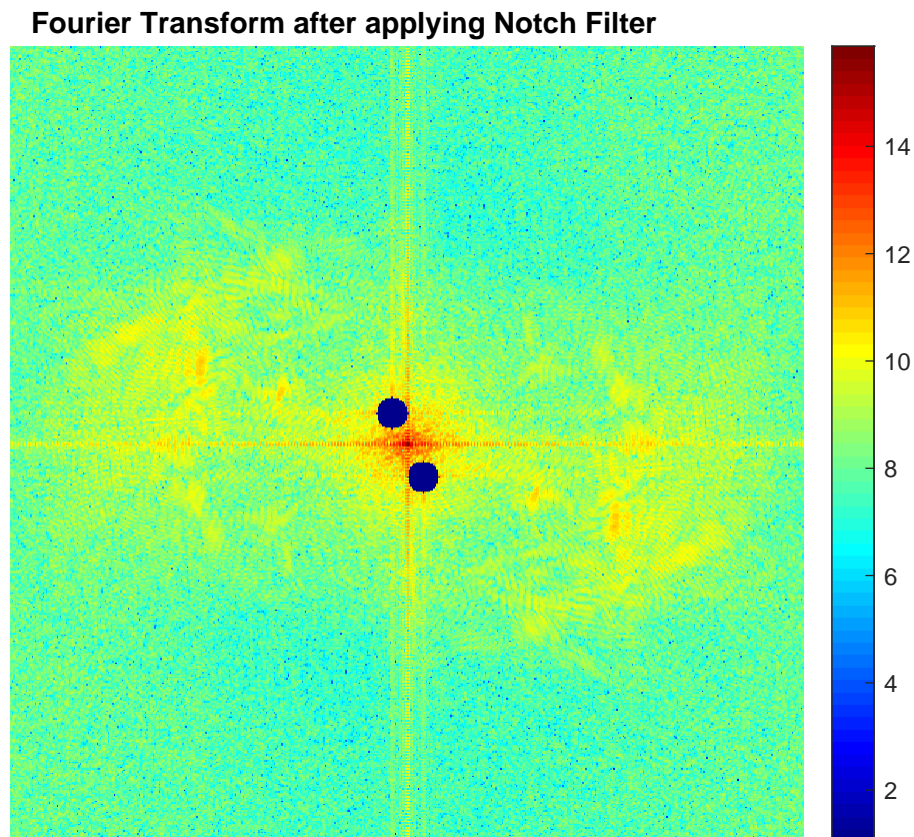**Fourier Transform after applying Notch Filter**

Fig 3: Fourier Transform after applying Notch Filter (each of radius = 10)

Restored Image

Fig 4: Restored Image