## Georgia State University CSC 4260

## Homework 2

Please submit your assignment by 11:59 pm on March 31, including:

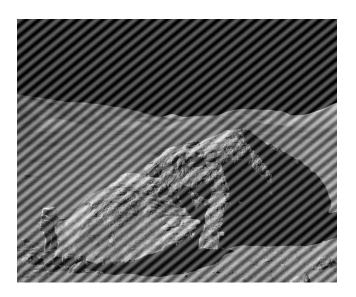
1-A program file, adequately commented for clarity.

2-A work report in PDF format, encompassing program codes and showcasing the output images.

## Problem 1. (60 points)

Develop a program in either Python or Java to restore the following periodic noise corrupted image. Display the band reject filter in Fourier domain and the restored image.

Input Image: HW2 DegradedImage from Icollege



## Problem 2. (40 points)

Develop a program in either Python or Java to replicate the processes outlined in Figure 9.41, maintaining the same order of execution.

Display the resulting images with consistent formatting.

Input Image: HW2 Head from Icollege

