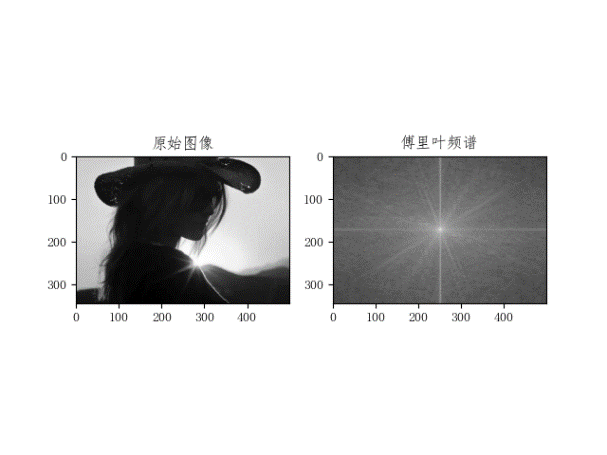
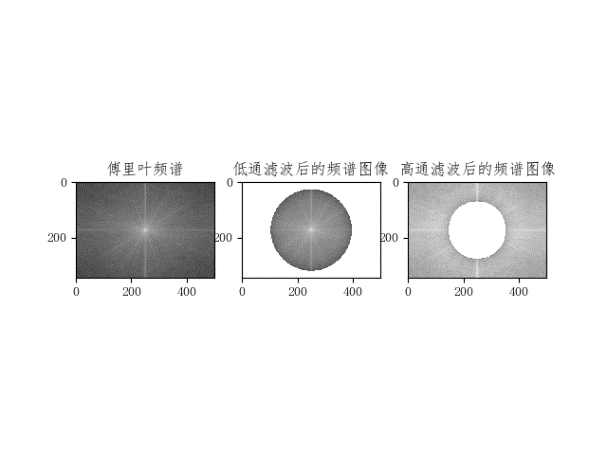
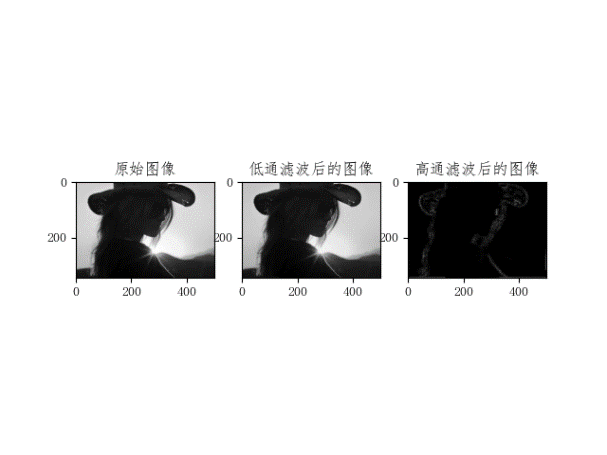
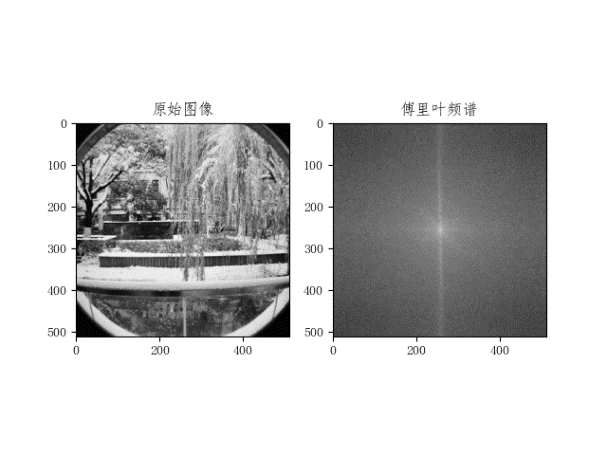
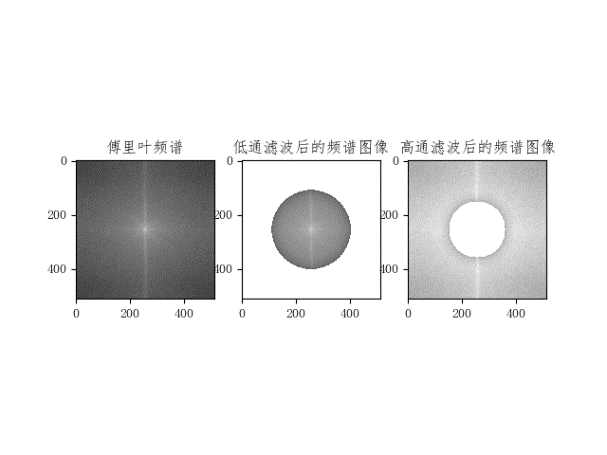
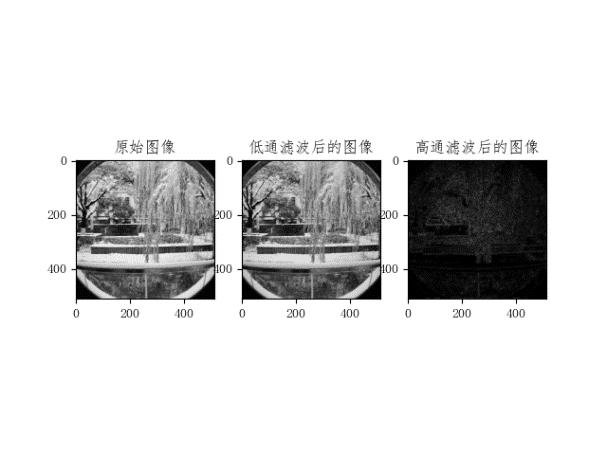
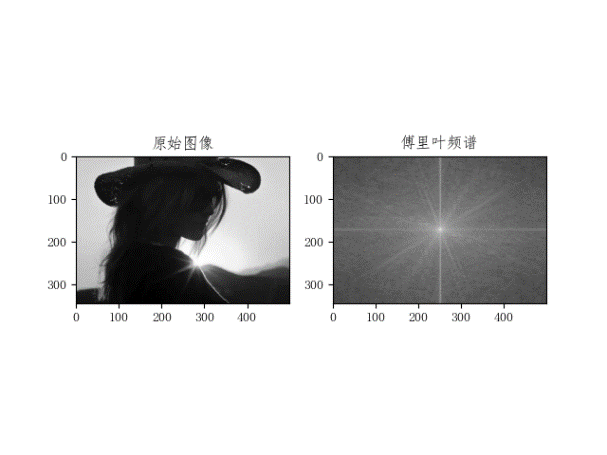
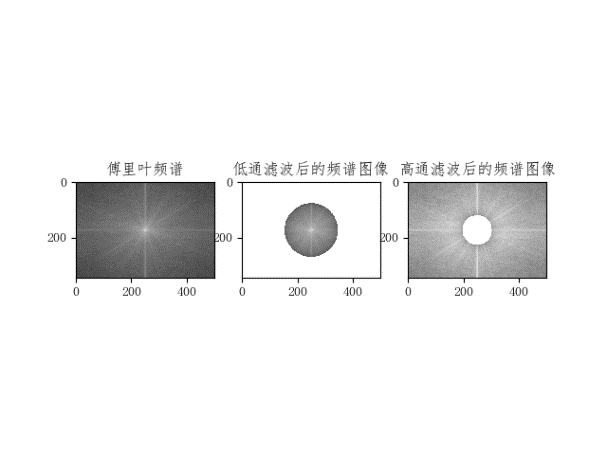
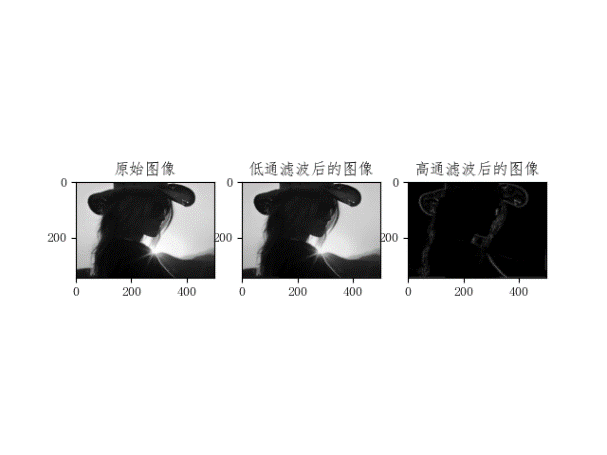
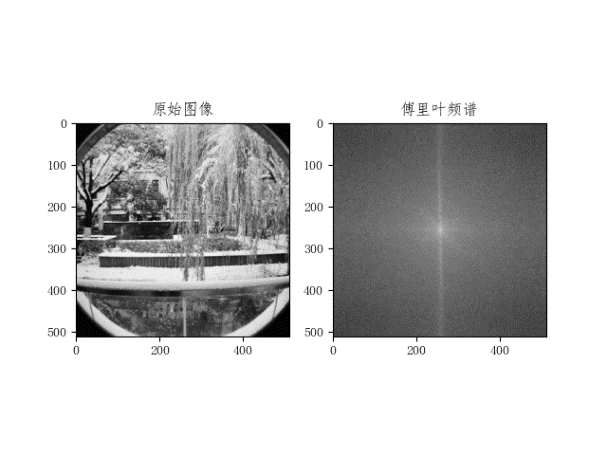
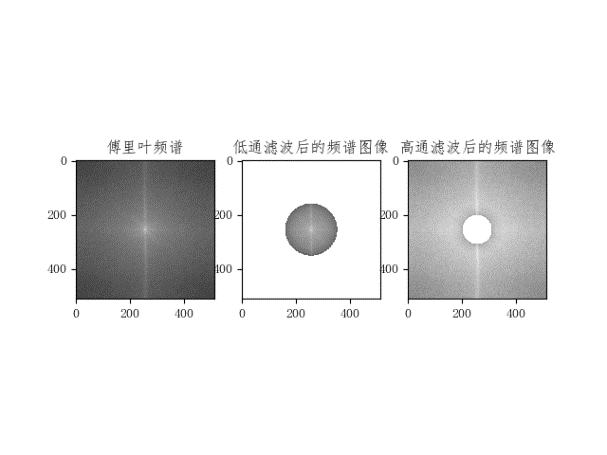
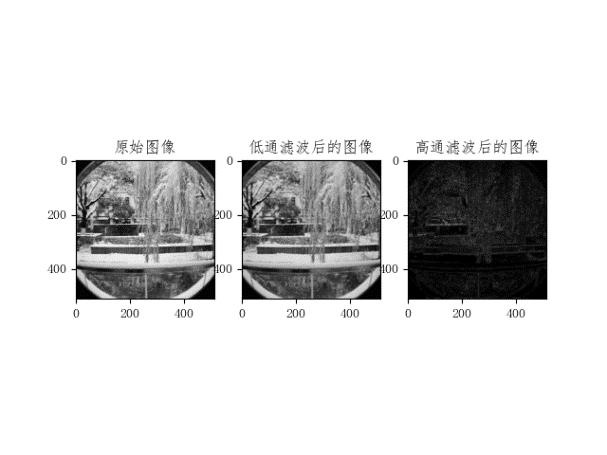
**实验三：数字图像频域增强实验**

**作业一：灰度图像的频域滤波器**

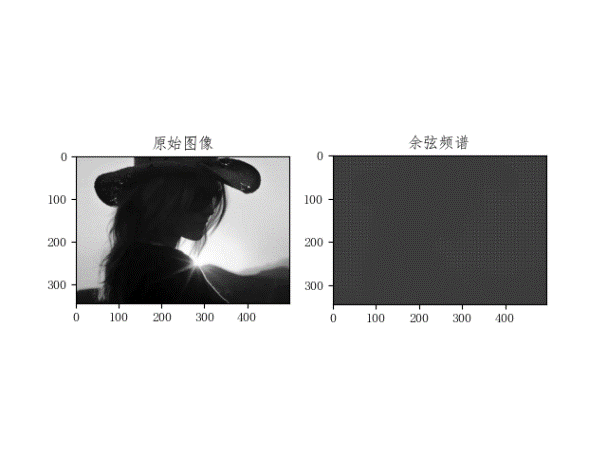
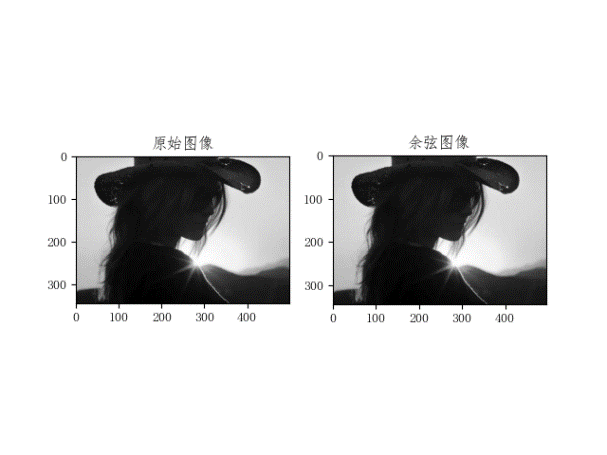
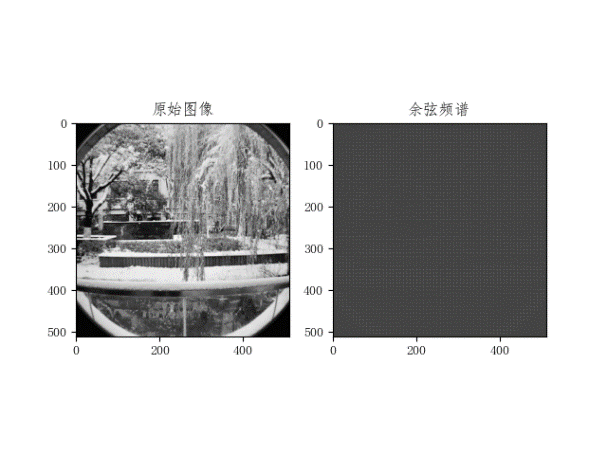
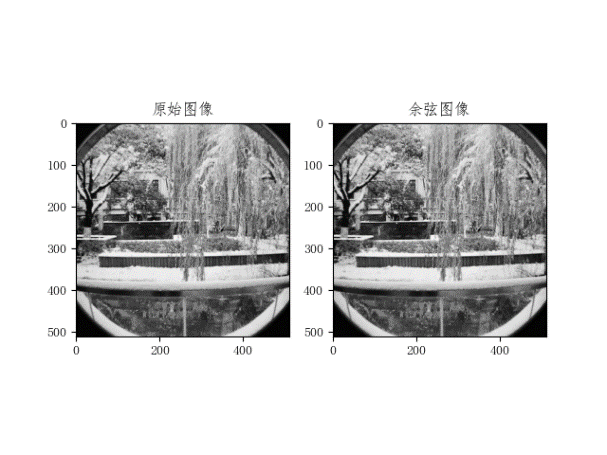
梯形滤波器需要两个参数，一个是设为1的阈值，一个是设为0的阈值，在两个阈值之间的部分选择了线性变化。

截止频率：100，150

截止频率：50，100

**作业二：灰度图像的离散余弦变换**

用了numpy库中的hsplit、vsplit、hstack、vstack进行分块和还原，dct是调库完成的。

分块大小：8\*8

分块大小：16\*16

每个分块的区域越大余弦频谱上的白点明显减少。