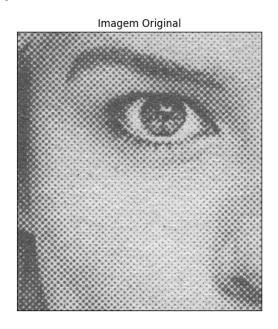
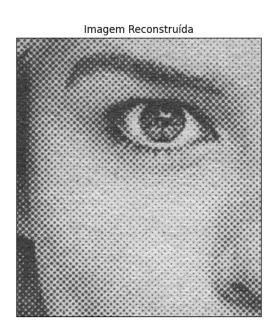


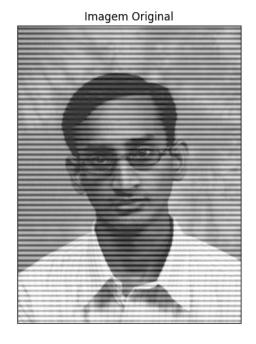


<Figure size 640x480 with 0 Axes>



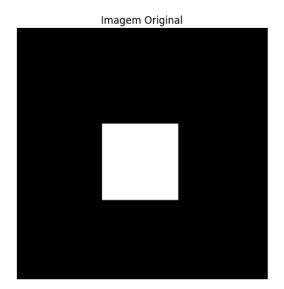


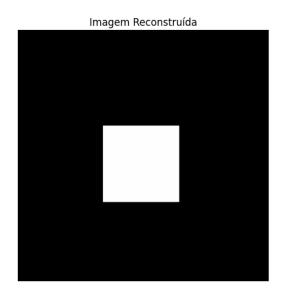
<Figure size 640x480 with 0 Axes>



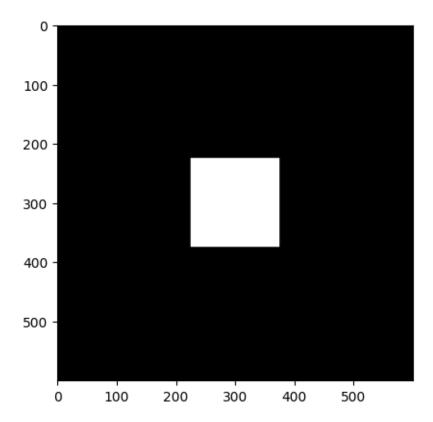


<Figure size 640x480 with 0 Axes>

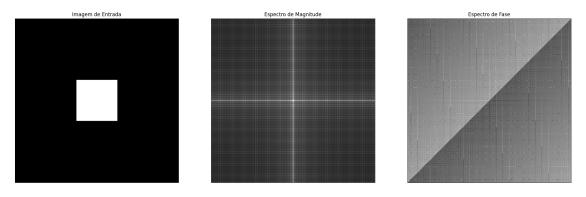




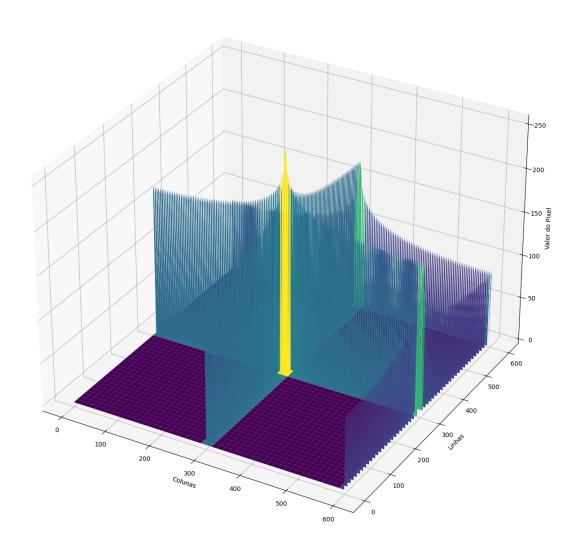
O código a seguir aplica a Transformada de Fourier Discreta (DFT) e a Transformada Inversa de Fourier em uma imagem com fundo preto e quadrado branco no centro representando a função sinc(x,y) e exibe os resultados plotando as imagens.

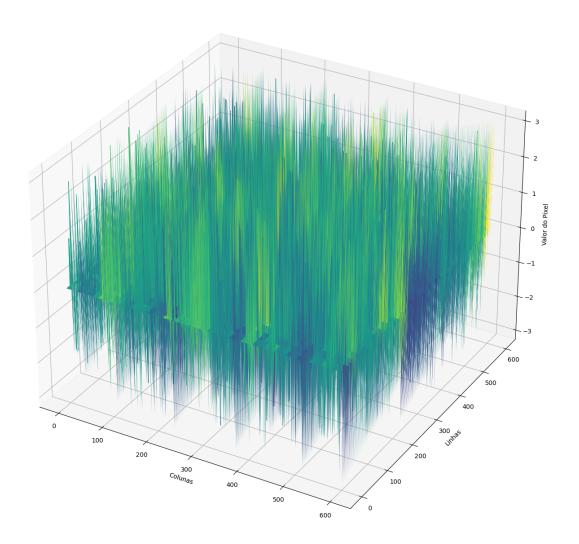


<Figure size 640x480 with 0 Axes>



Espectro de Magnitude





```
[]: #%cd /content/drive/MyDrive/Colab Notebooks/aula7
#! sudo apt update
#! sudo apt-get install texlive-full
! jupyter nbconvert --to pdf TransformadaDeFourier.ipynb
```