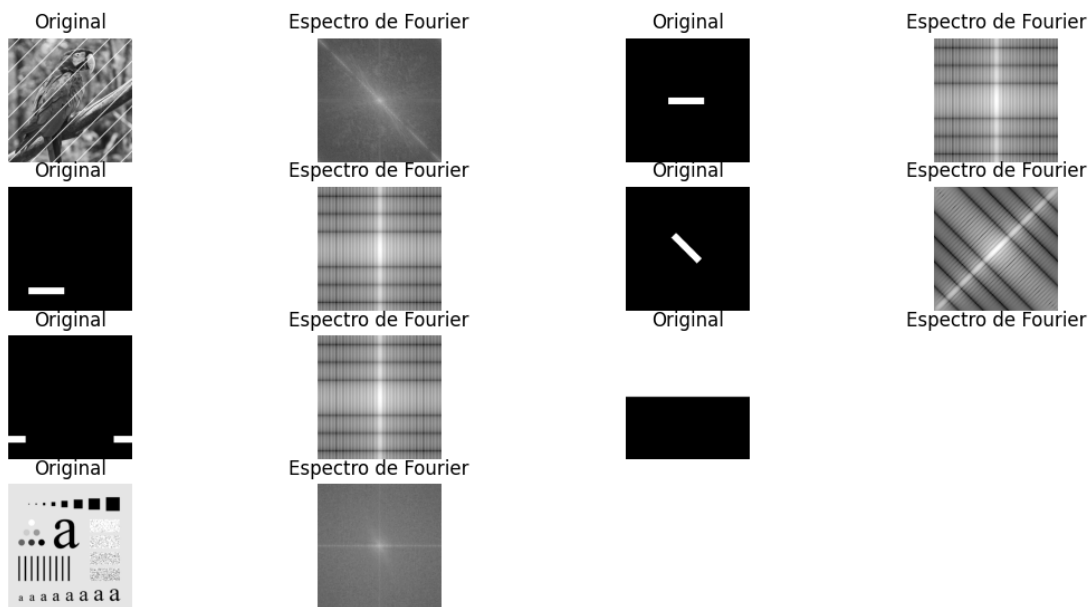


Aluno: Felipe Zorzo

PDI Exercícios 3

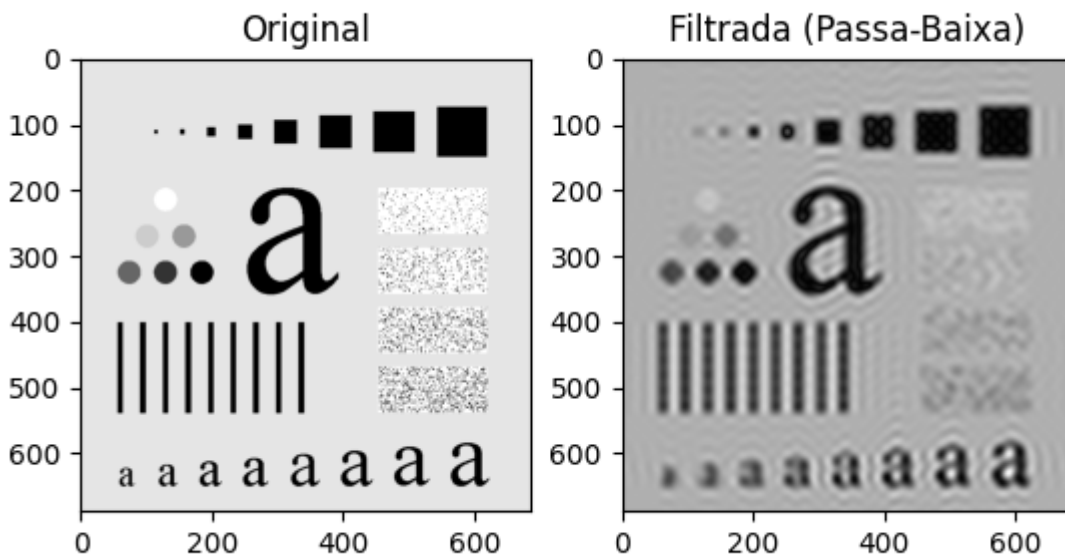
1) Gere e salve o espectro de Fourier das 7 imagens: “arara.png”, “barra1.png”, “barra2.png”, “barra3.png”, “barra4.png”, “quadrado.png” e “teste.png”.

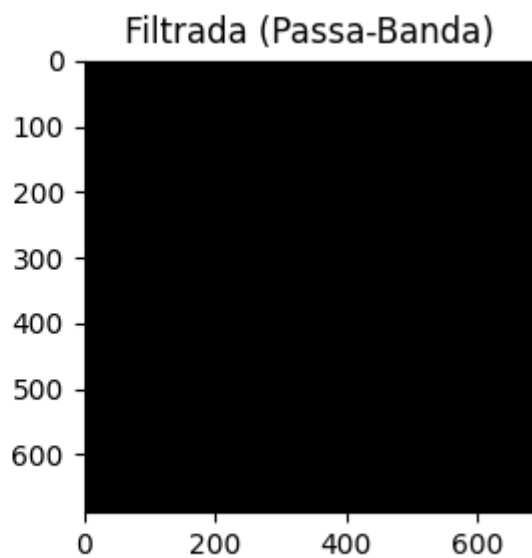
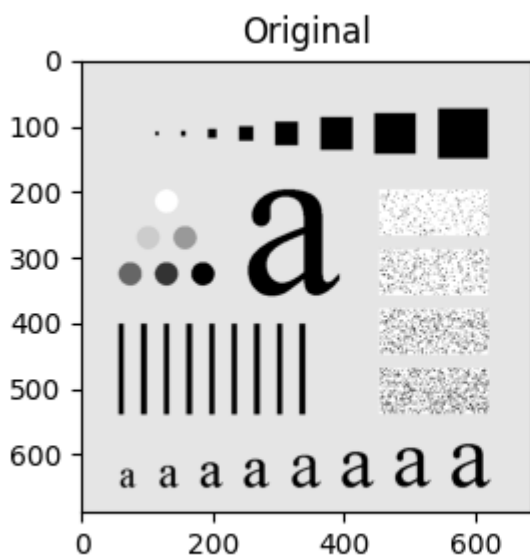
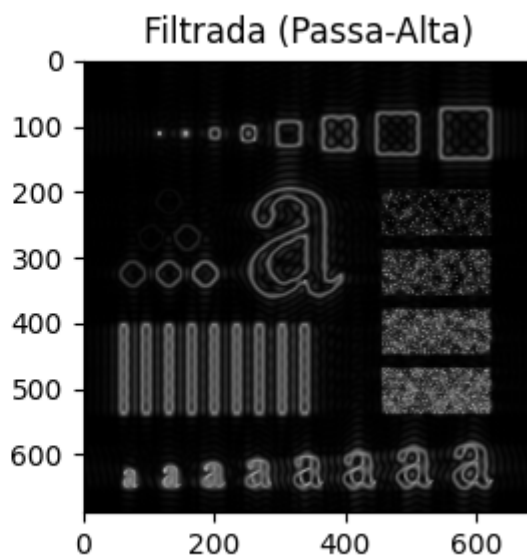
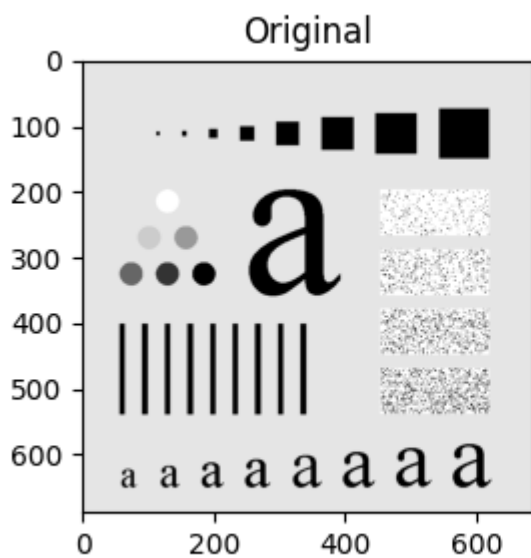
R:

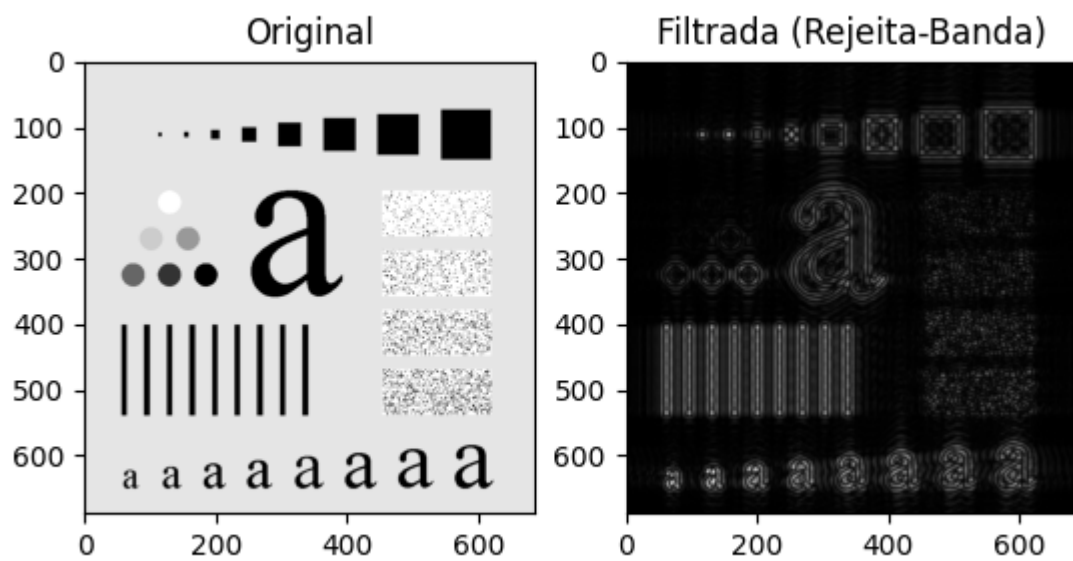


2) Aplique os filtros passa-baixa, passa-alta, passa-banda e rejeita-banda na imagem “teste.png”. Ajuste adequadamente a variável do filtro. Gere e salve as imagens dos resultados obtidos.

R:

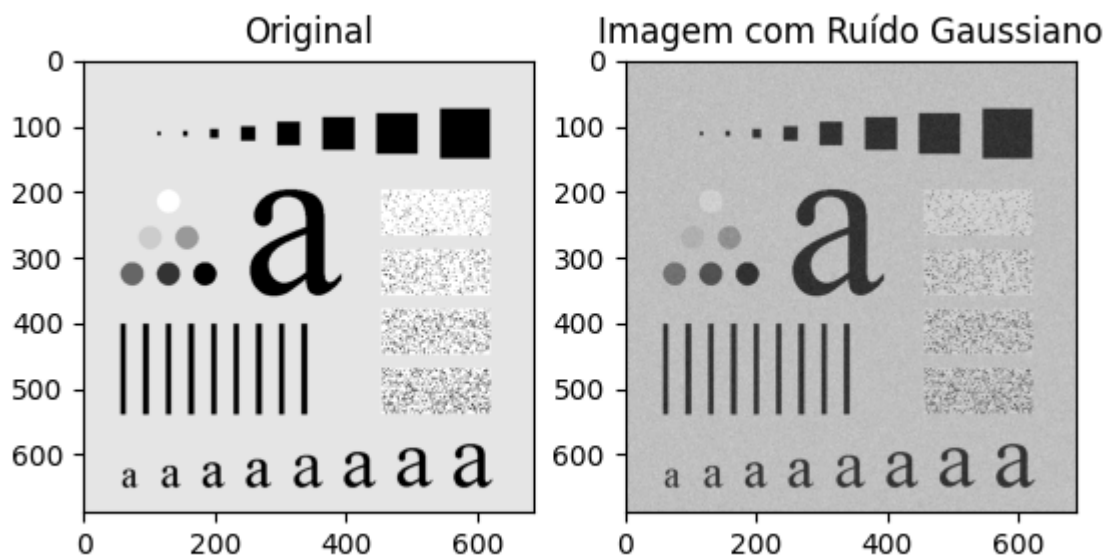






3) Aplique o filtro gaussiano na imagem “teste.png”. Gere e salve uma imagem do filtro e outra do resultado.

R:



4) Aplique o filtro rejeita-banda, definido pela imagem “arara_filtro.png”, na imagem “arara.png”. Gere e salve o resultado

R:

Original



Filtrada (Rejeita-Banda)

