

Etapas do Exercício 3

Imagem Original

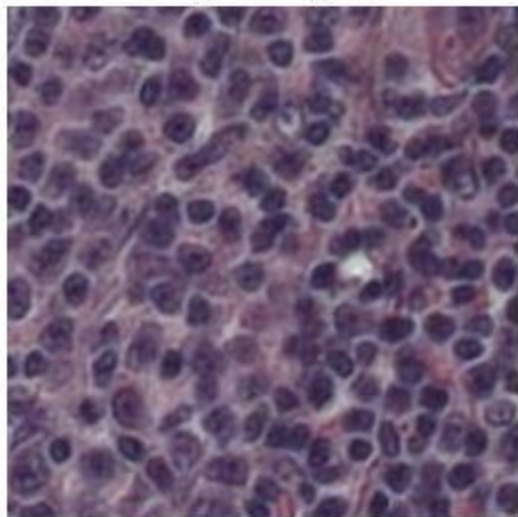


Imagem em Níveis de Cinza

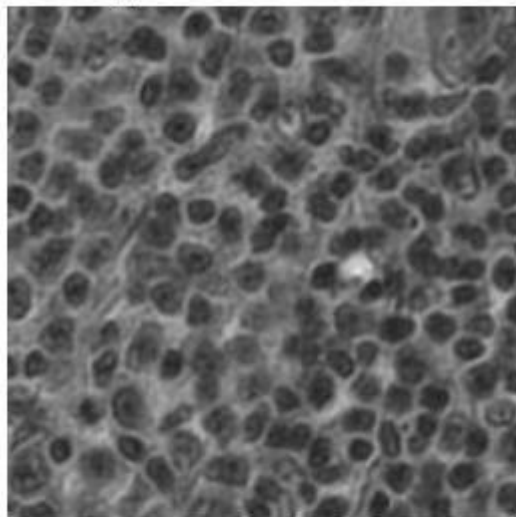


Imagem no Domínio de Fourier Centralizada

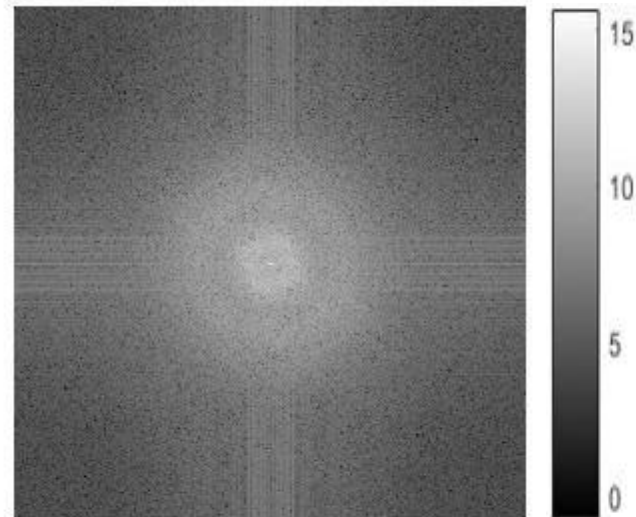
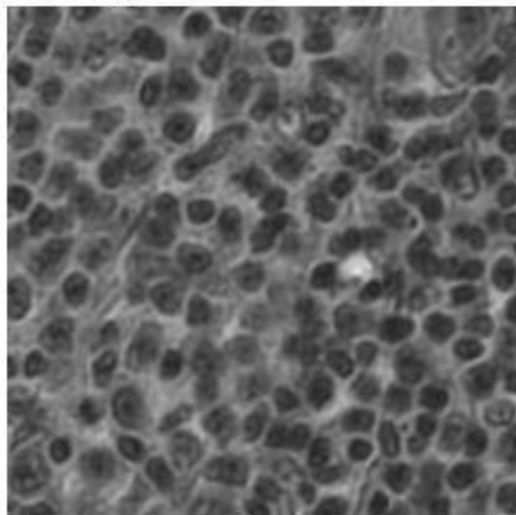
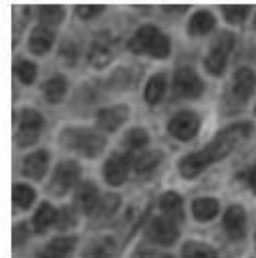


Imagem dividida em 4 blocos

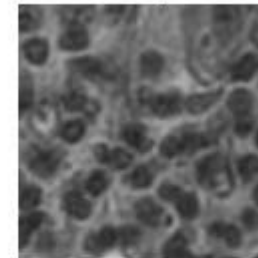
Imagem em Níveis de Cinza



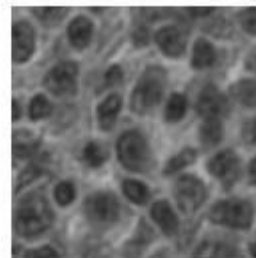
Quadrante Superior Esquerdo



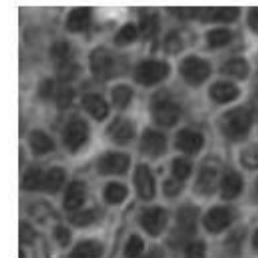
Quadrante Superior Direito



Quadrante Inferior Esquerdo



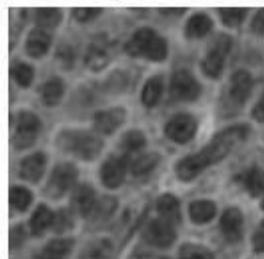
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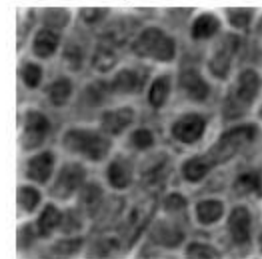
Filtro Passa-Alta



Quadrante Superior Esquerdo



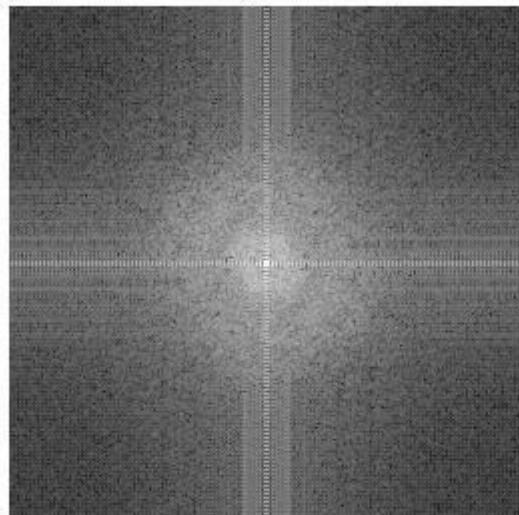
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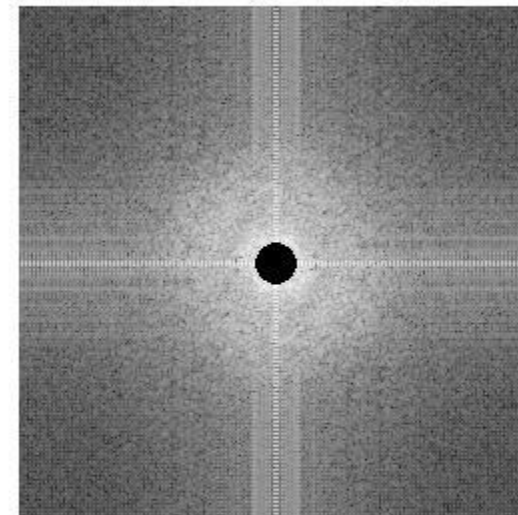
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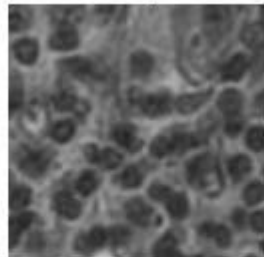
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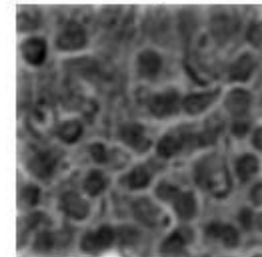
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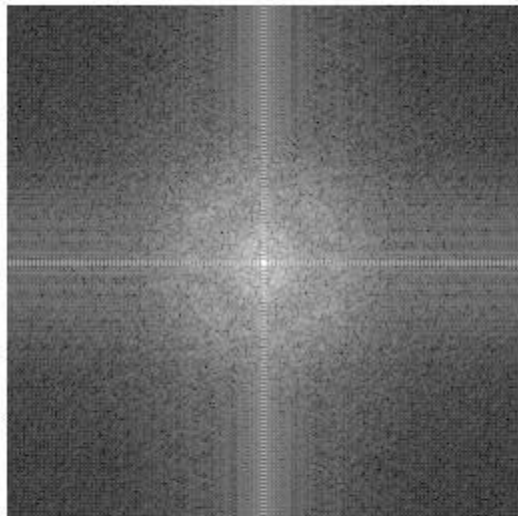
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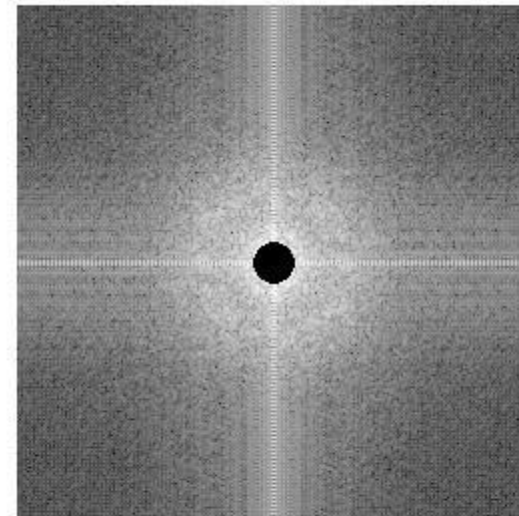
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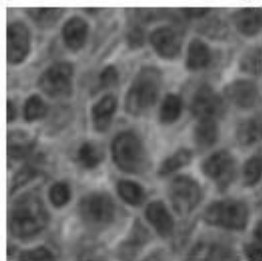
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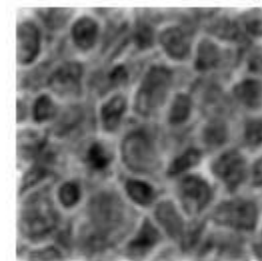
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Quadrante Inferior Esquerdo



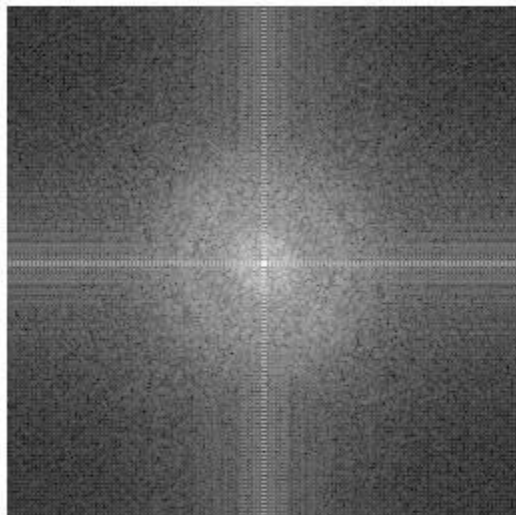
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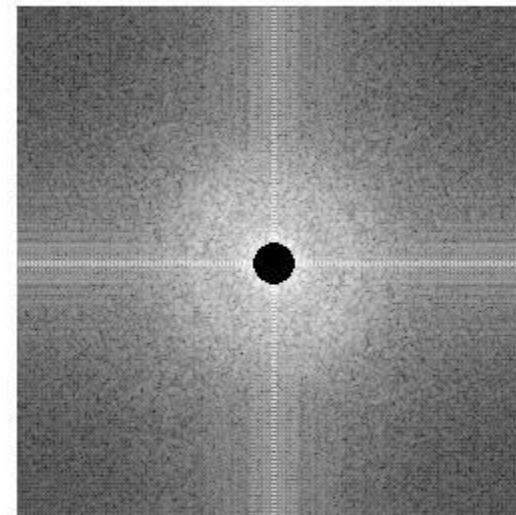
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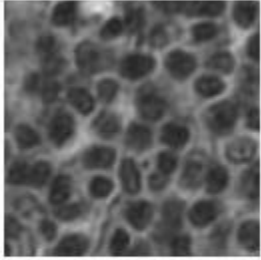
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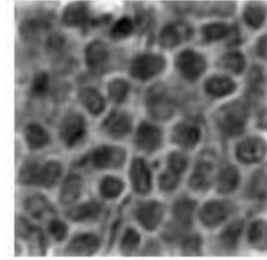
Quadrante Inferior Esquerdo



Quadrante Inferior Direito



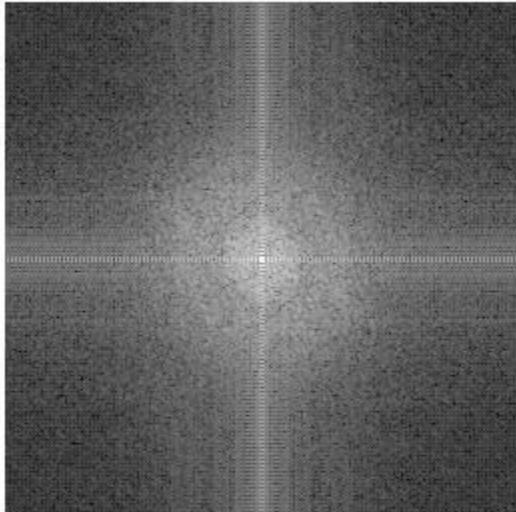
Quadrante Inferior Direito



Filtro Passa-Alta



Quadrante Inferior Direito



Quadrante Inferior Direito

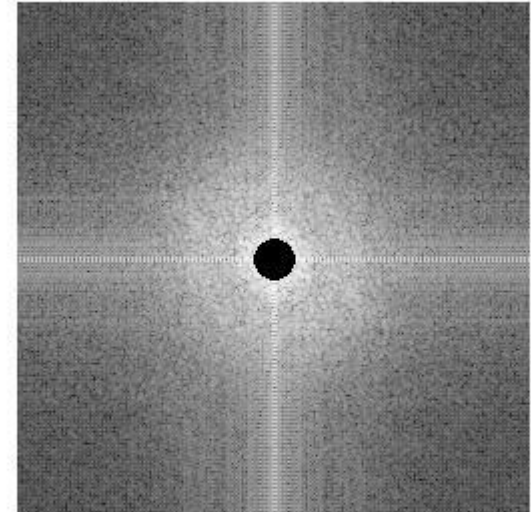


Imagem em Níveis de Cinza

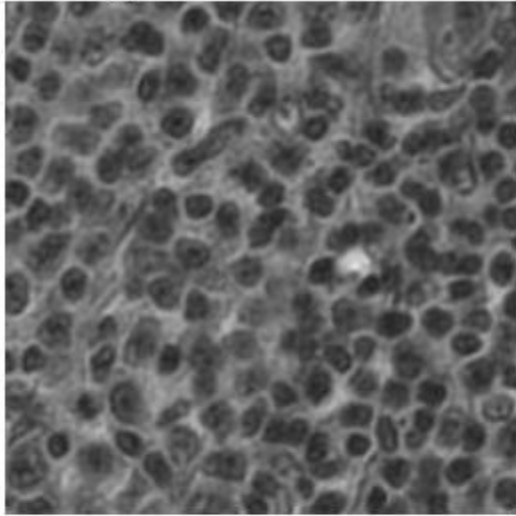
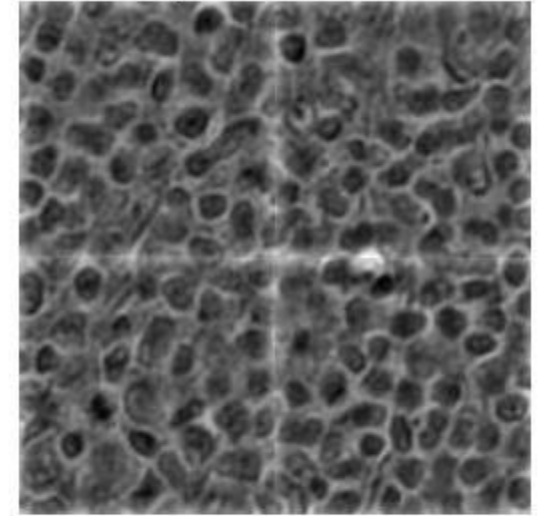


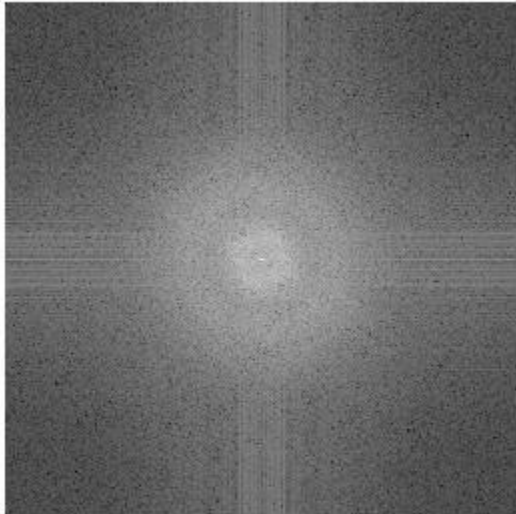
Imagem Reconstruída



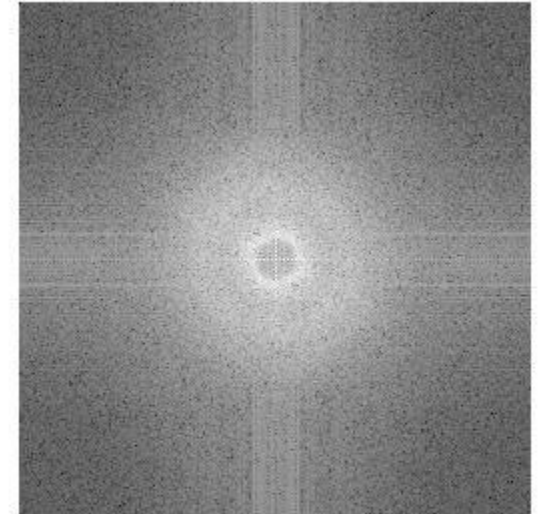
Filtro Passa-Alta



Imagem no Domínio de Fourier Centralizada



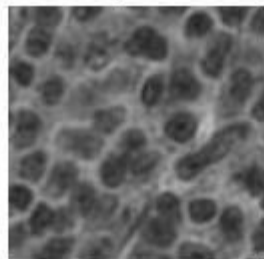
Espectro da Imagem Reconstruída



Filtro Passa-Baixa



Quadrante Superior Esquerdo

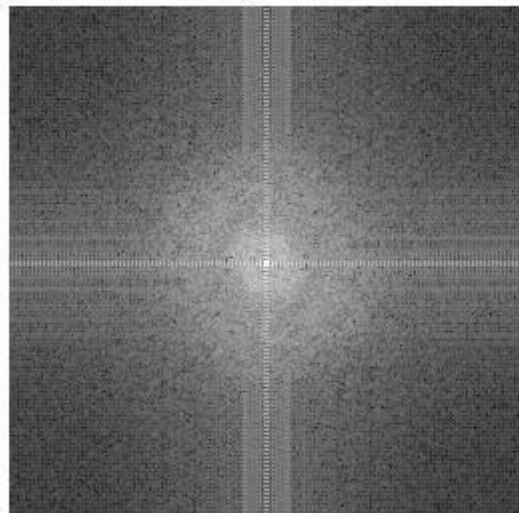


Quadrante Superior Esquerdo

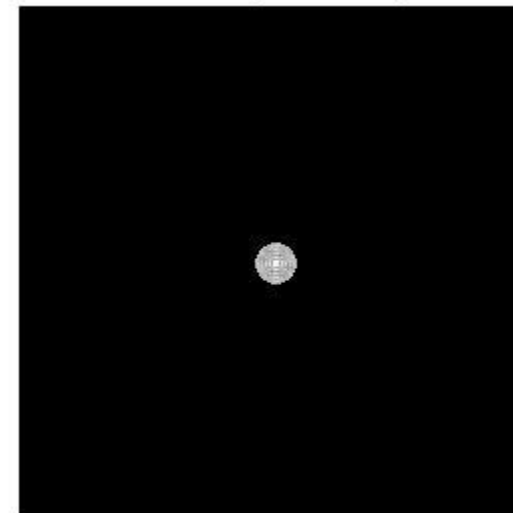


Filtro Passa-Baixa

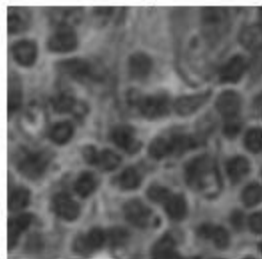
Quadrante Superior Esquerdo



Quadrante Superior Esquerdo



Quadrante Superior Direito

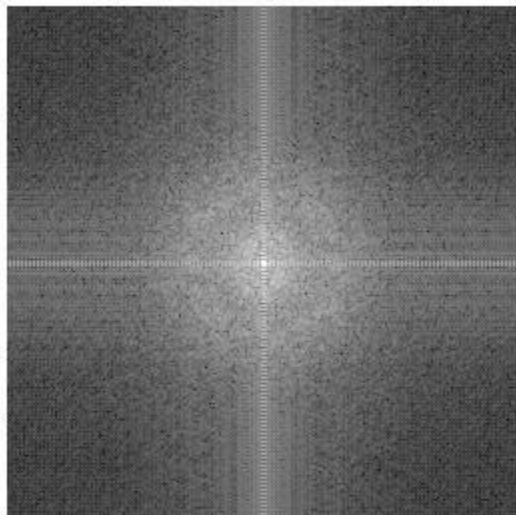


Quadrante Superior Direito

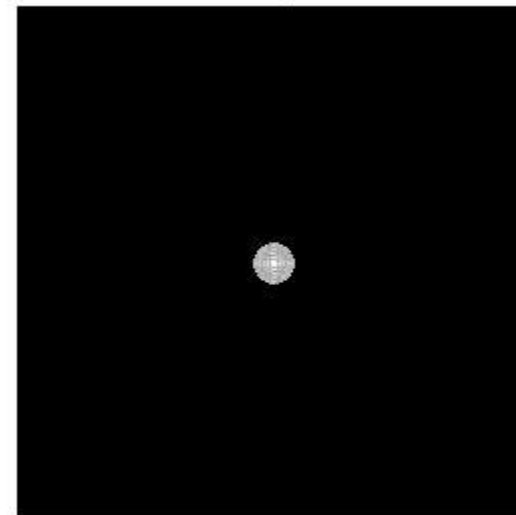


Filtro Passa-Baixa →

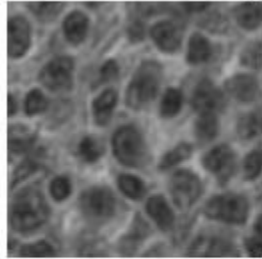
Quadrante Superior Direito



Quadrante Superior Direito



Quadrante Inferior Esquerdo

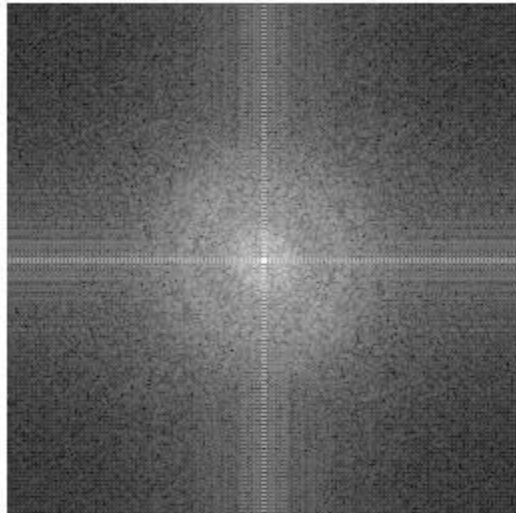


Quadrante Inferior Esquerdo

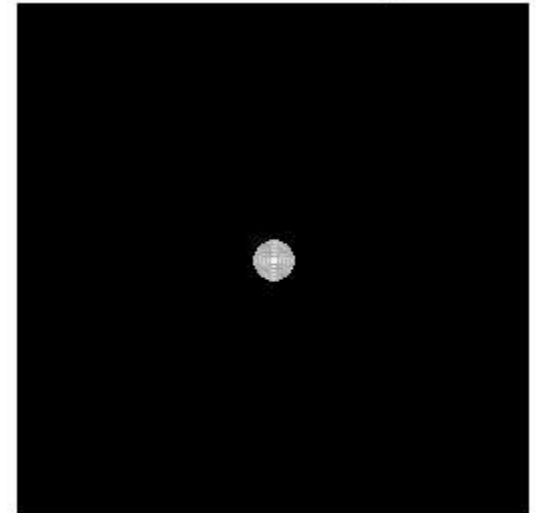


Filtro Passa-Baixa

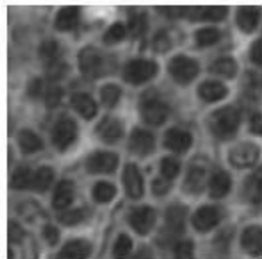
Quadrante Inferior Esquerdo



Quadrante Inferior Esquerdo



Quadrante Inferior Direito

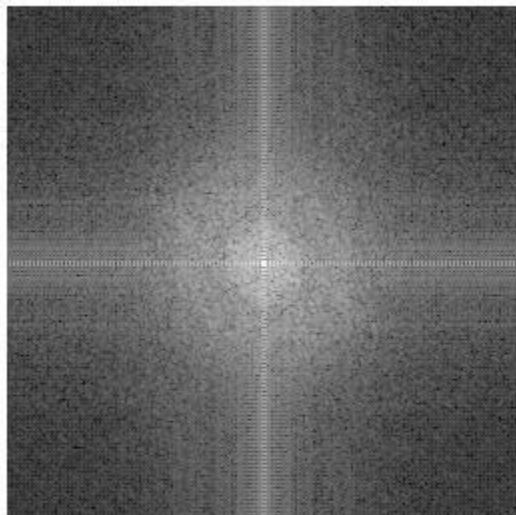


Quadrante Inferior Direito



Filtro Passa-Baixa

Quadrante Inferior Direito



Quadrante Inferior Direito

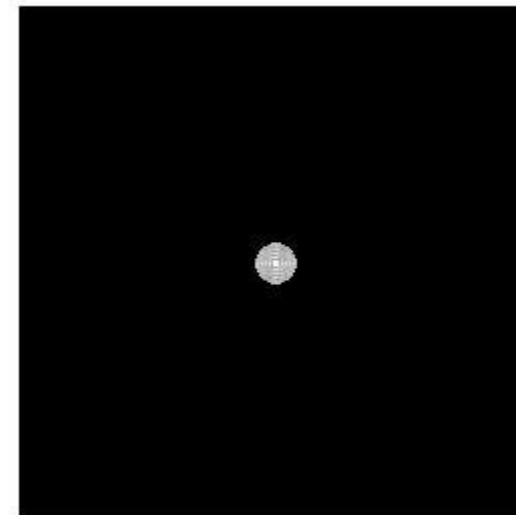


Imagem em Níveis de Cinza

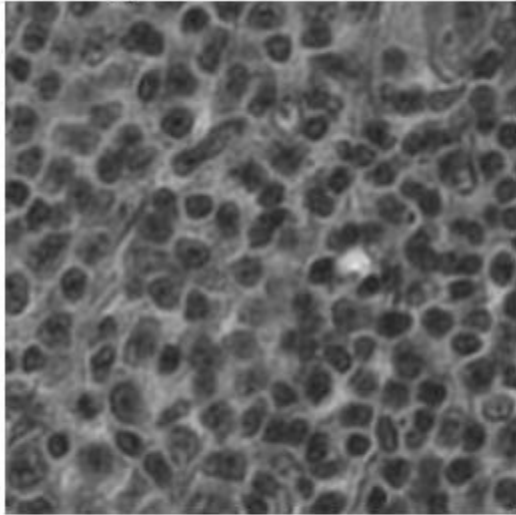
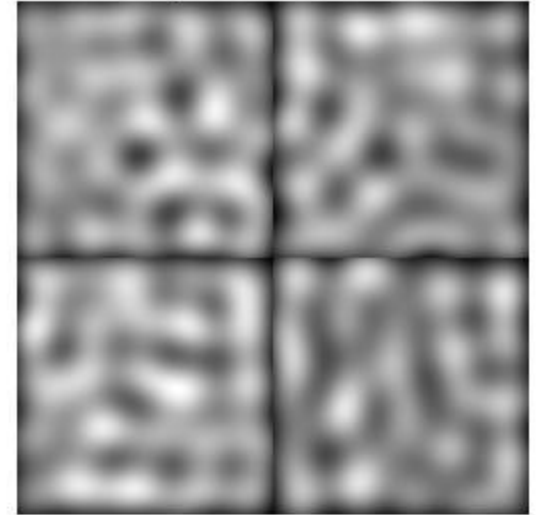


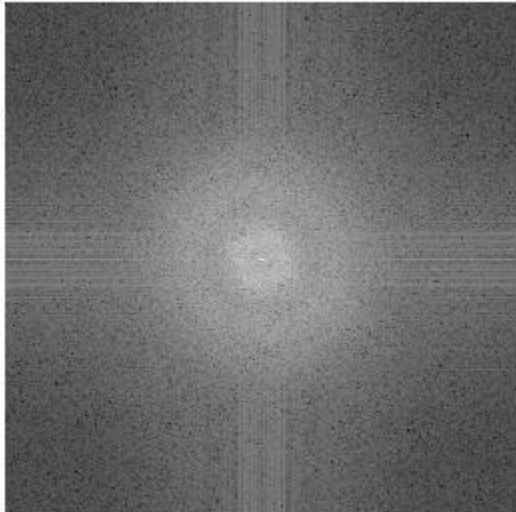
Imagem Reconstruída



Filtro Passa-Baixa



Imagem no Domínio de Fourier Centralizada



Espectro da Imagem Reconstruída

