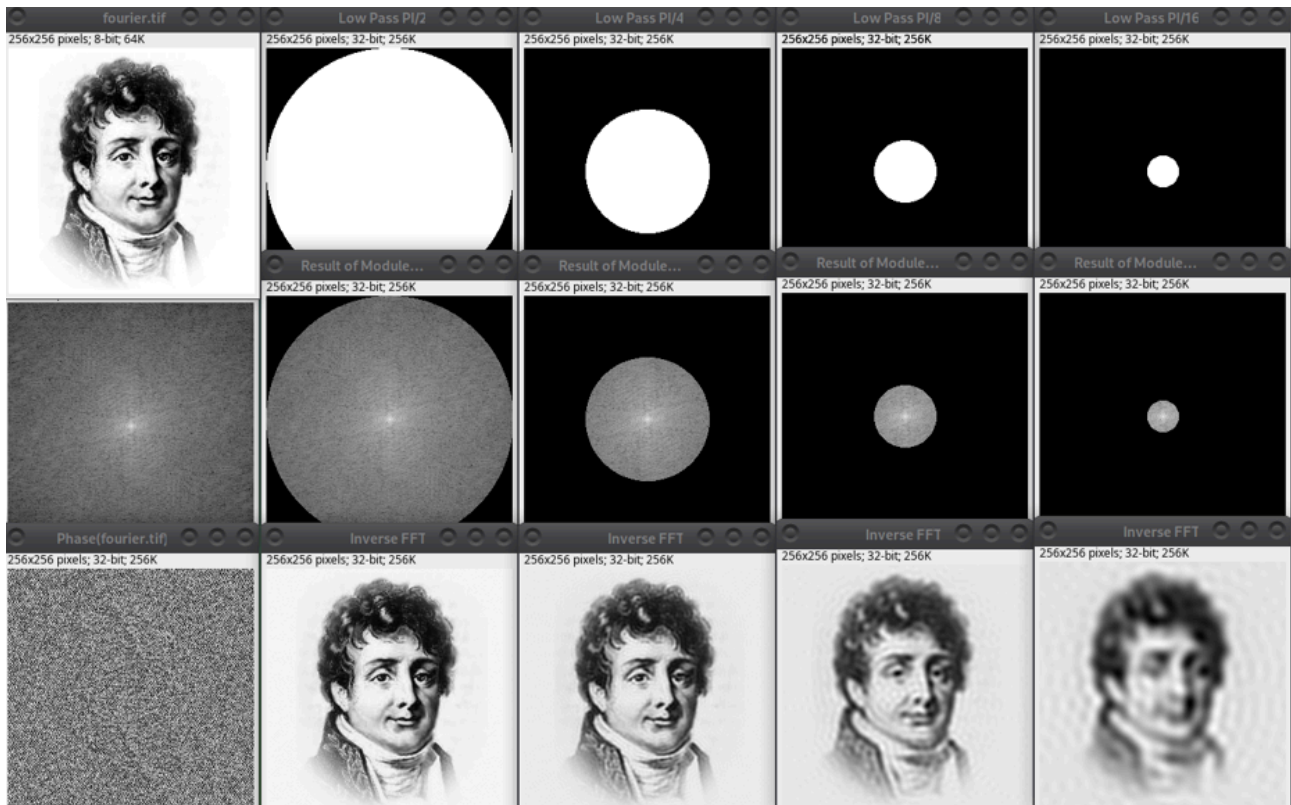


Nome : Lucas Miranda Mendonça Rezende

Nro. USP: 12542838

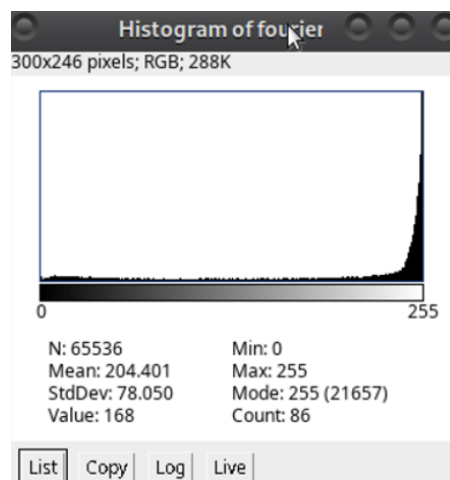
Filtros Passa baixa

Questão 1

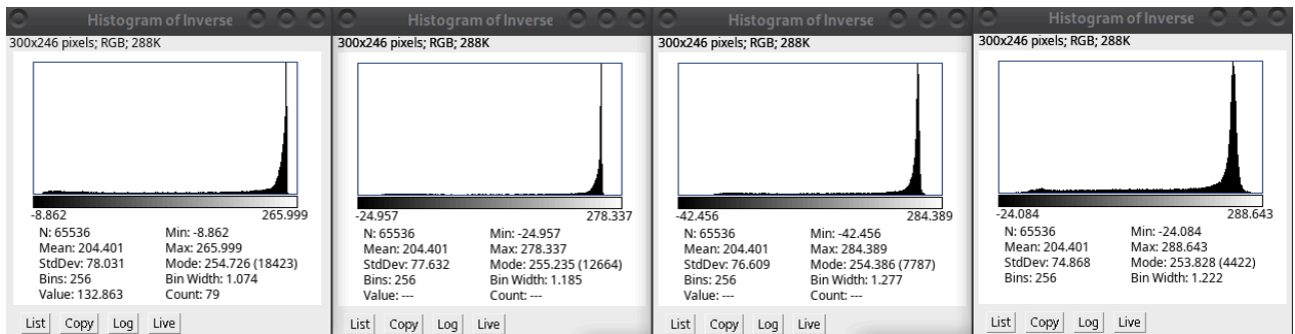


- **fourier.tif**

Histograma original:

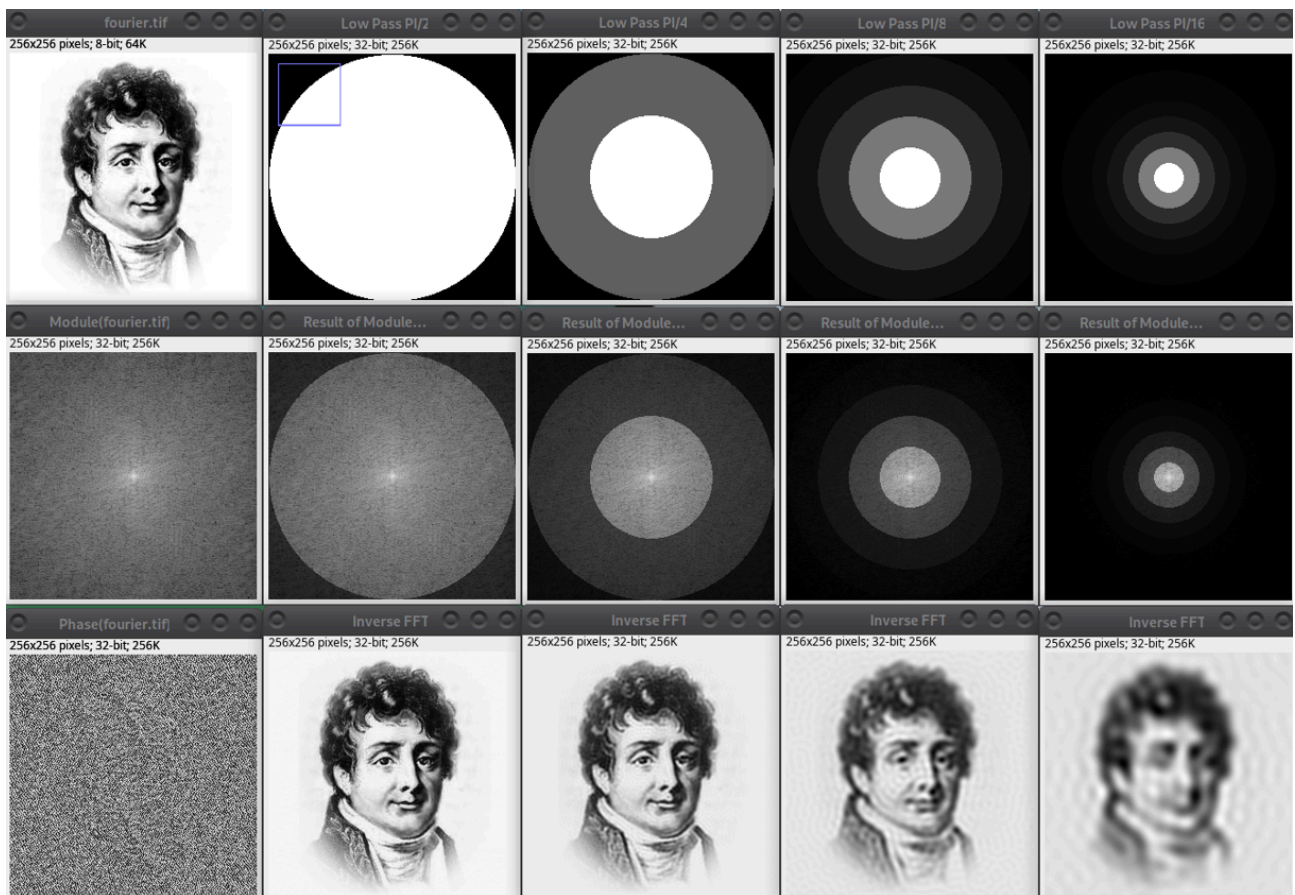


Histograma PI/16:

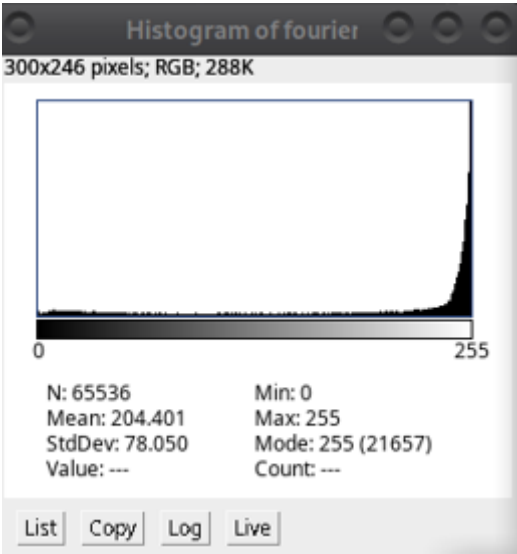


	média	Desvio padrão
PI/2	204.4	78.0
PI/4	204.4	77.6
PI/8	204.4	76.6
PI/16.	204.4	74.8

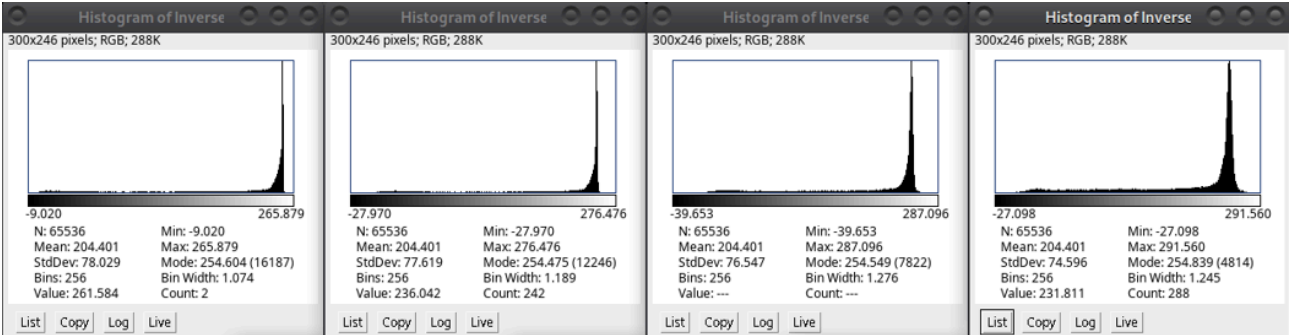
Questão 2



- **fourier.tif**
Histograma original:



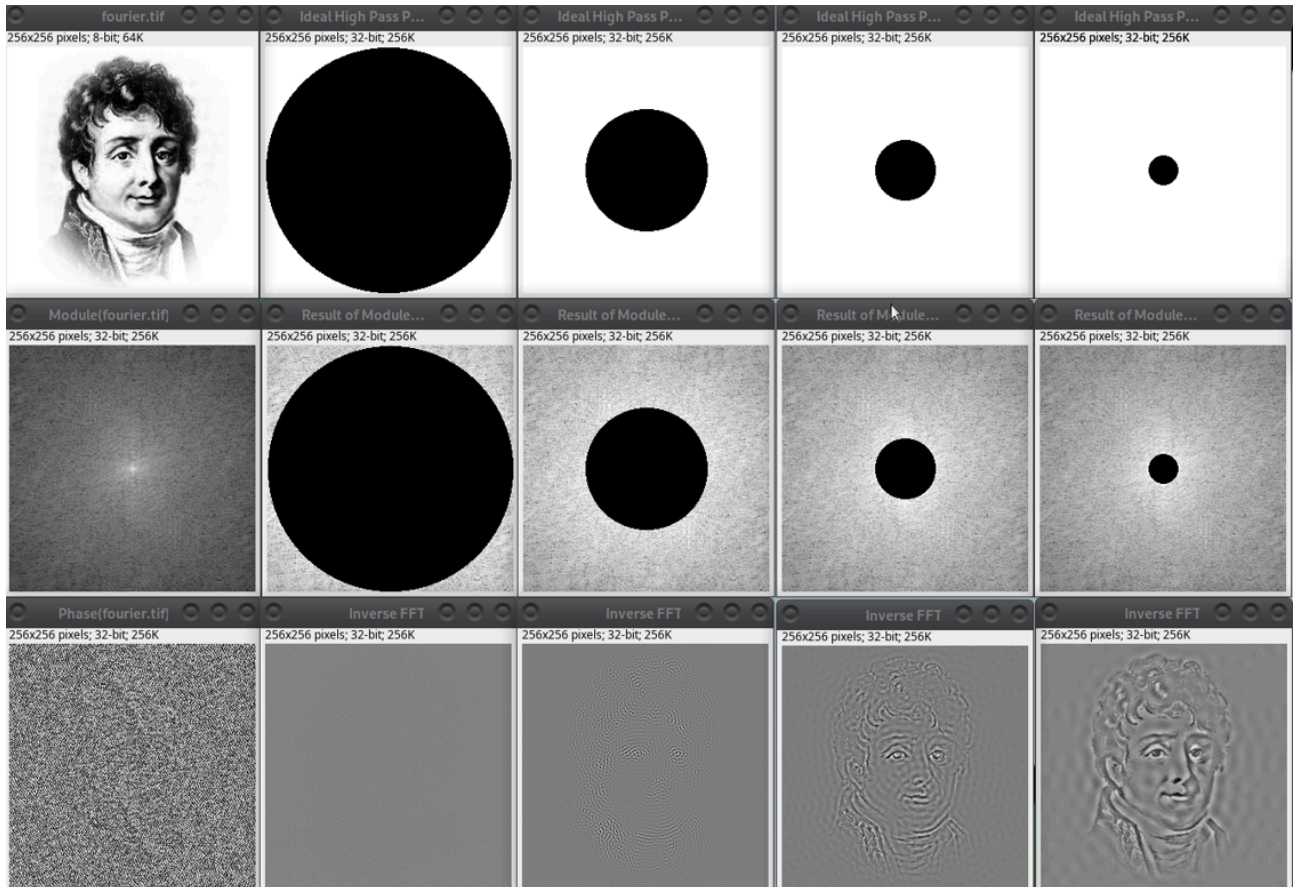
Histograma PI/16:



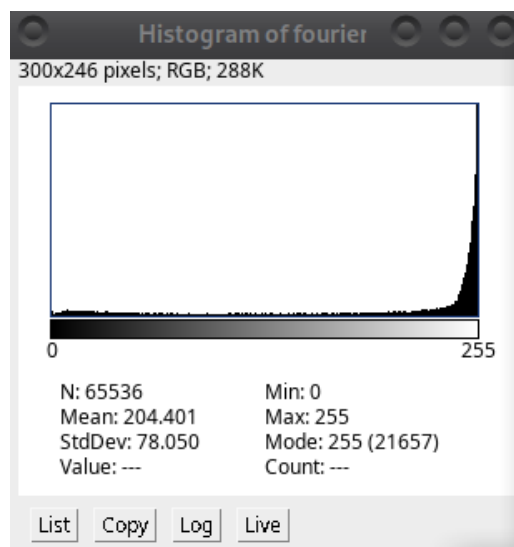
	média	Desvio padrão
PI/2	204.4	78.0
PI/4	204.4	77.6
PI/8	204.4	76.5
PI/16.	204.4	74.5

Filtros Passa alta

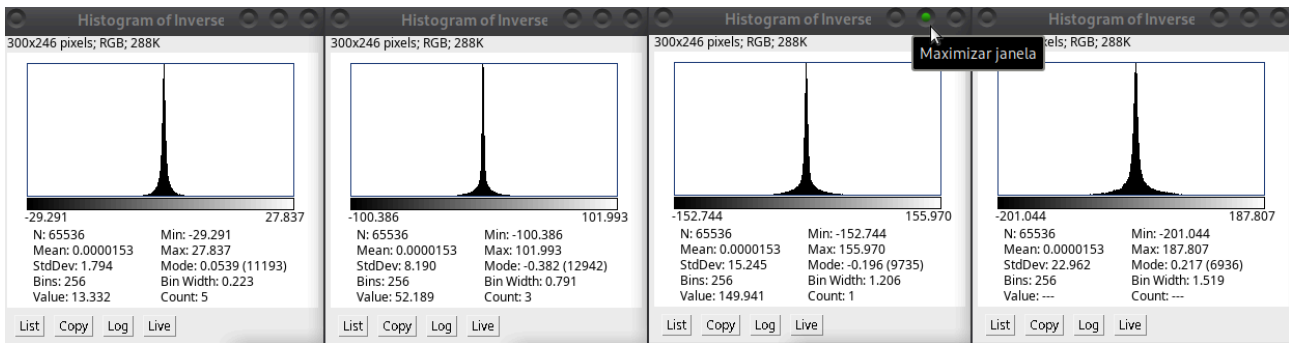
Questão 3



- fourier.tif
Histograma original:

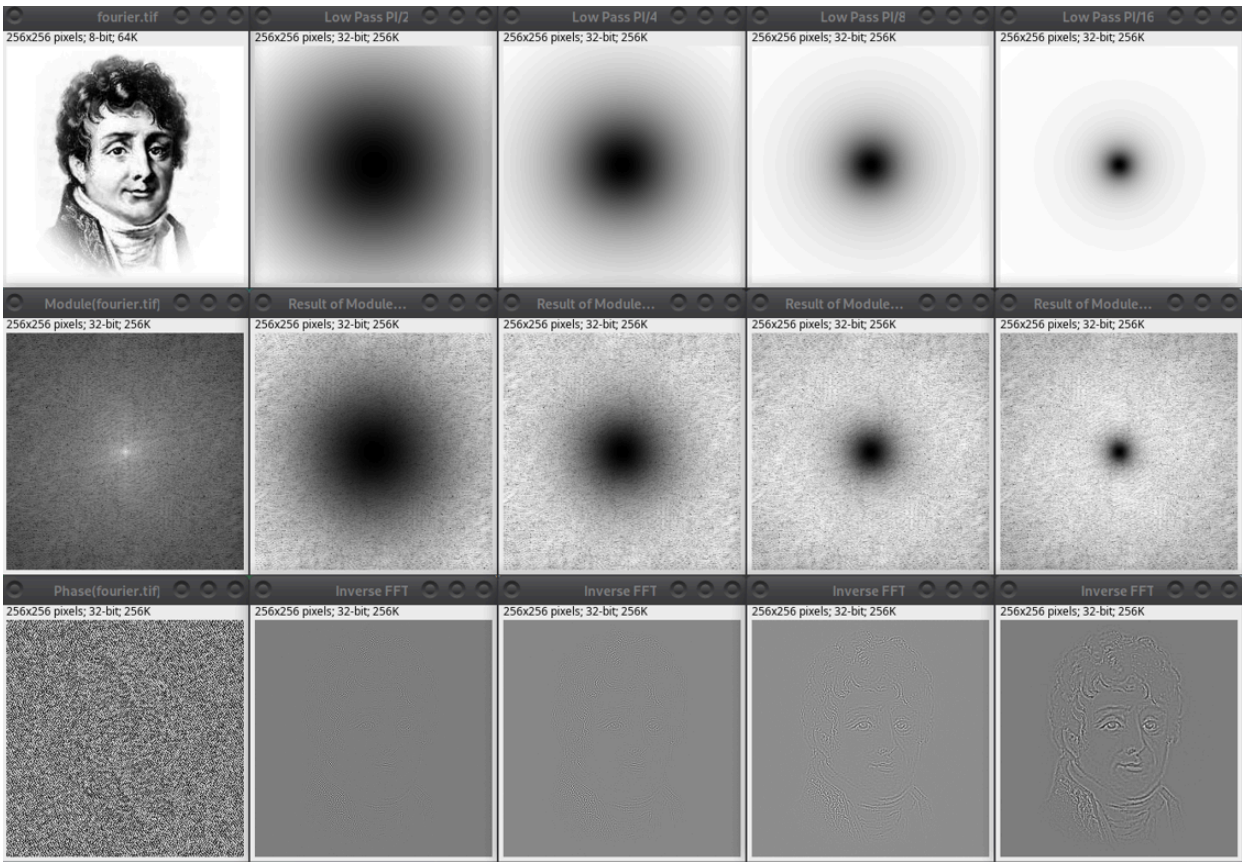


Histograma PI/16:

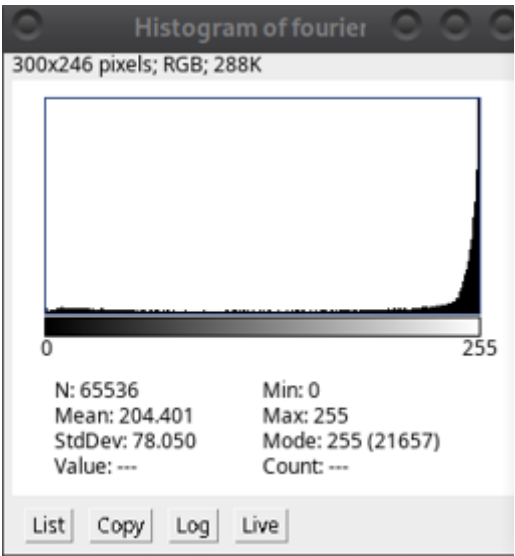


	Média	Desvio padrão
PI/2	0	1.7
PI/4	0	8.1
PI/8	0	15.2
PI/16.	0	22.9

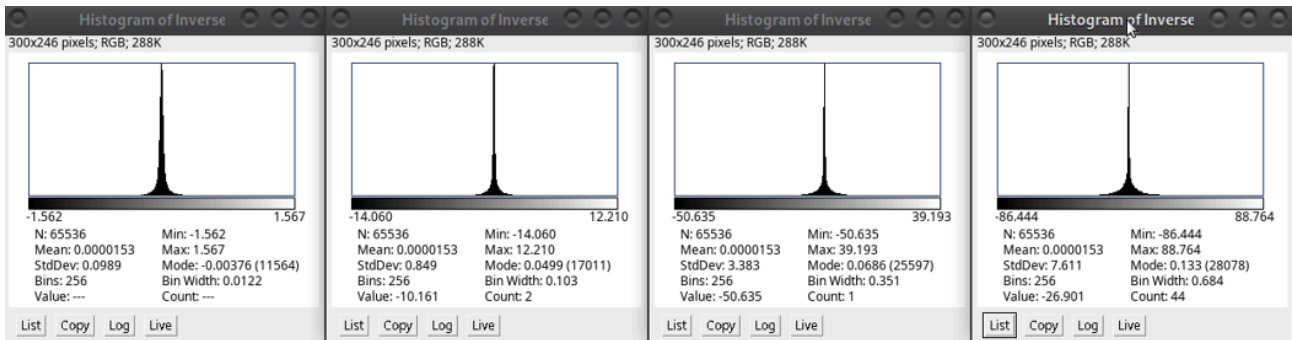
Questão 4



- **fourier.tif**
 Histograma original:



Histograma PI/16:



	Média	Desvio padrão
PI/2	0	0
PI/4	0	0.8
PI/8	0	3.3
PI/16.	0	7.6