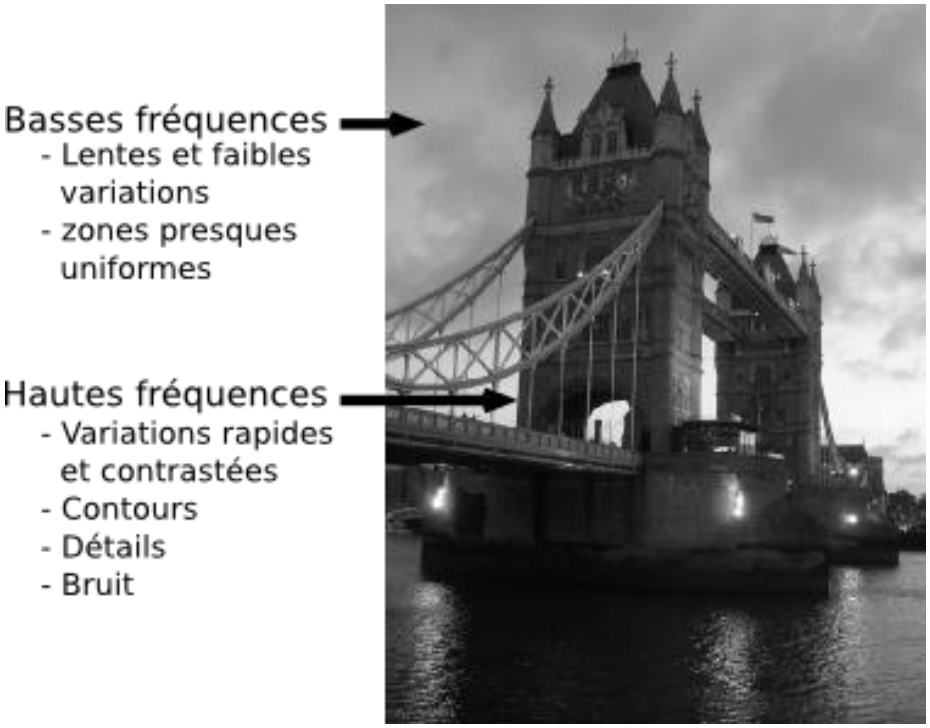
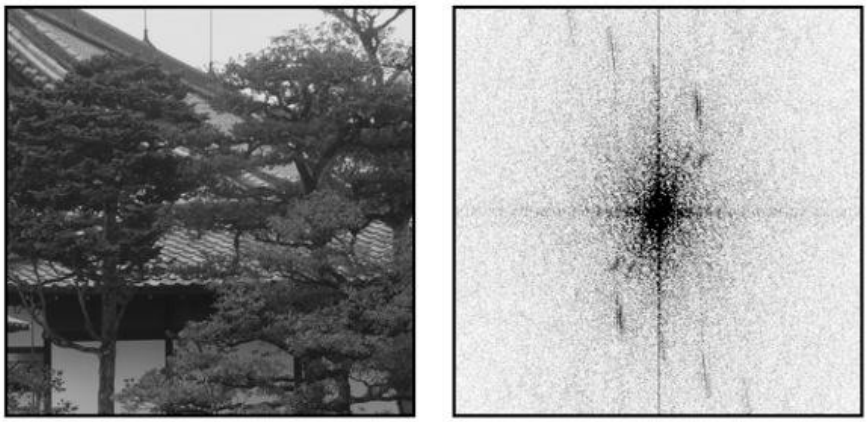
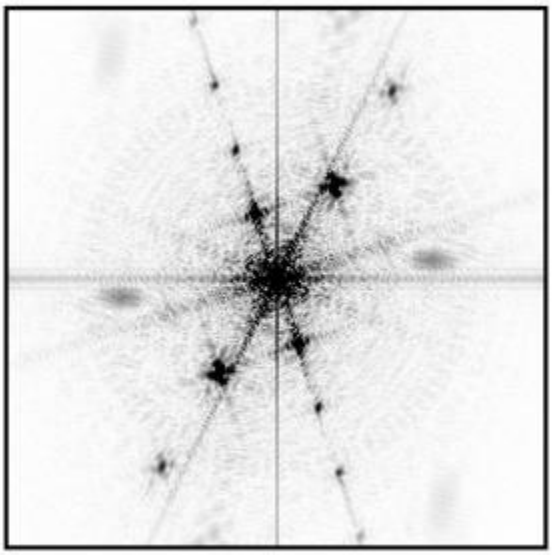
Analyse spectrale d’une image

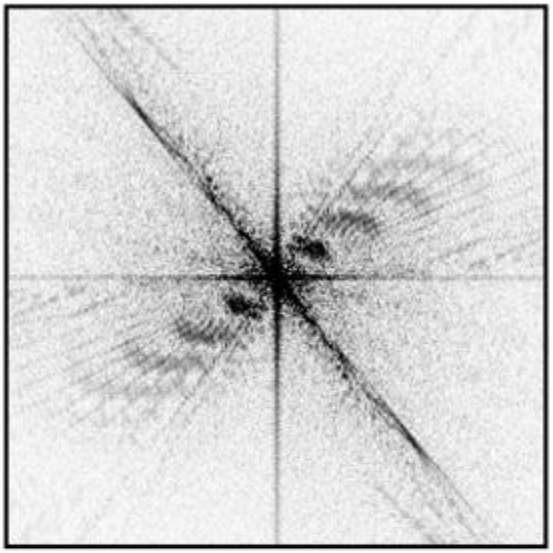
Étude des fréquences spatiales contenues dans l’image

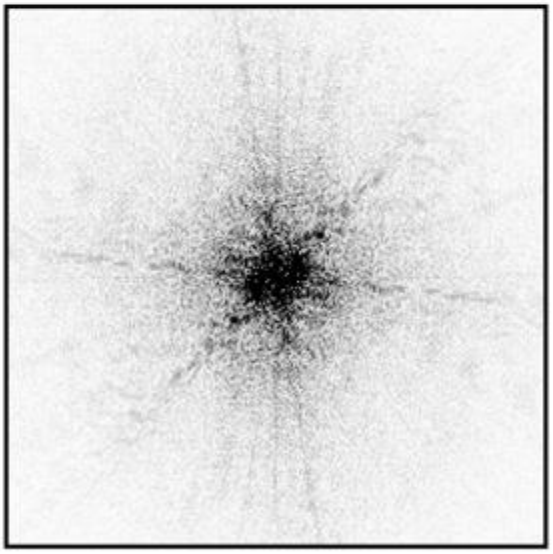


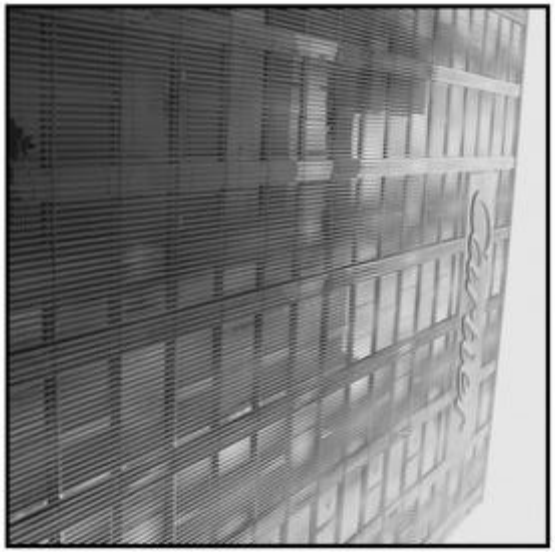
L’image et sa transformée de Fourier spatiale





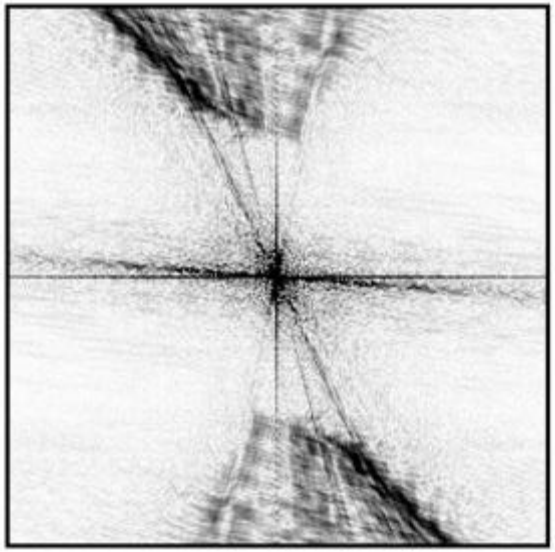


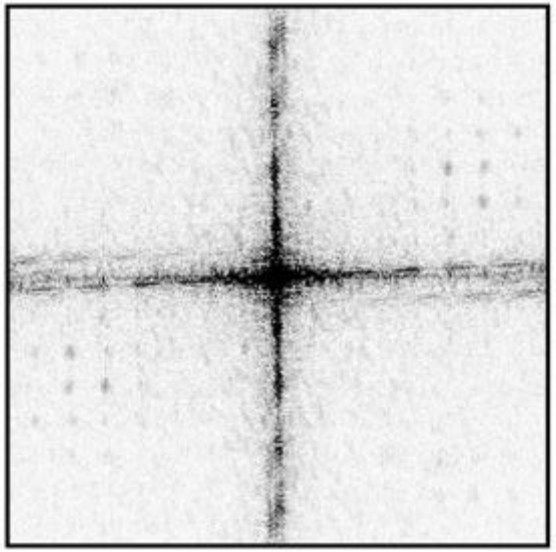


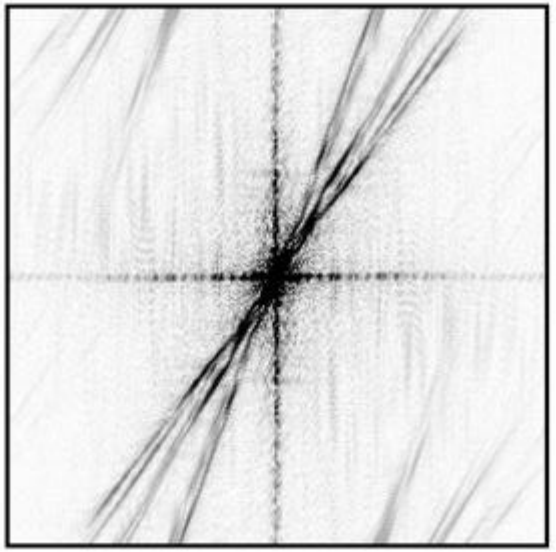



PEPSI

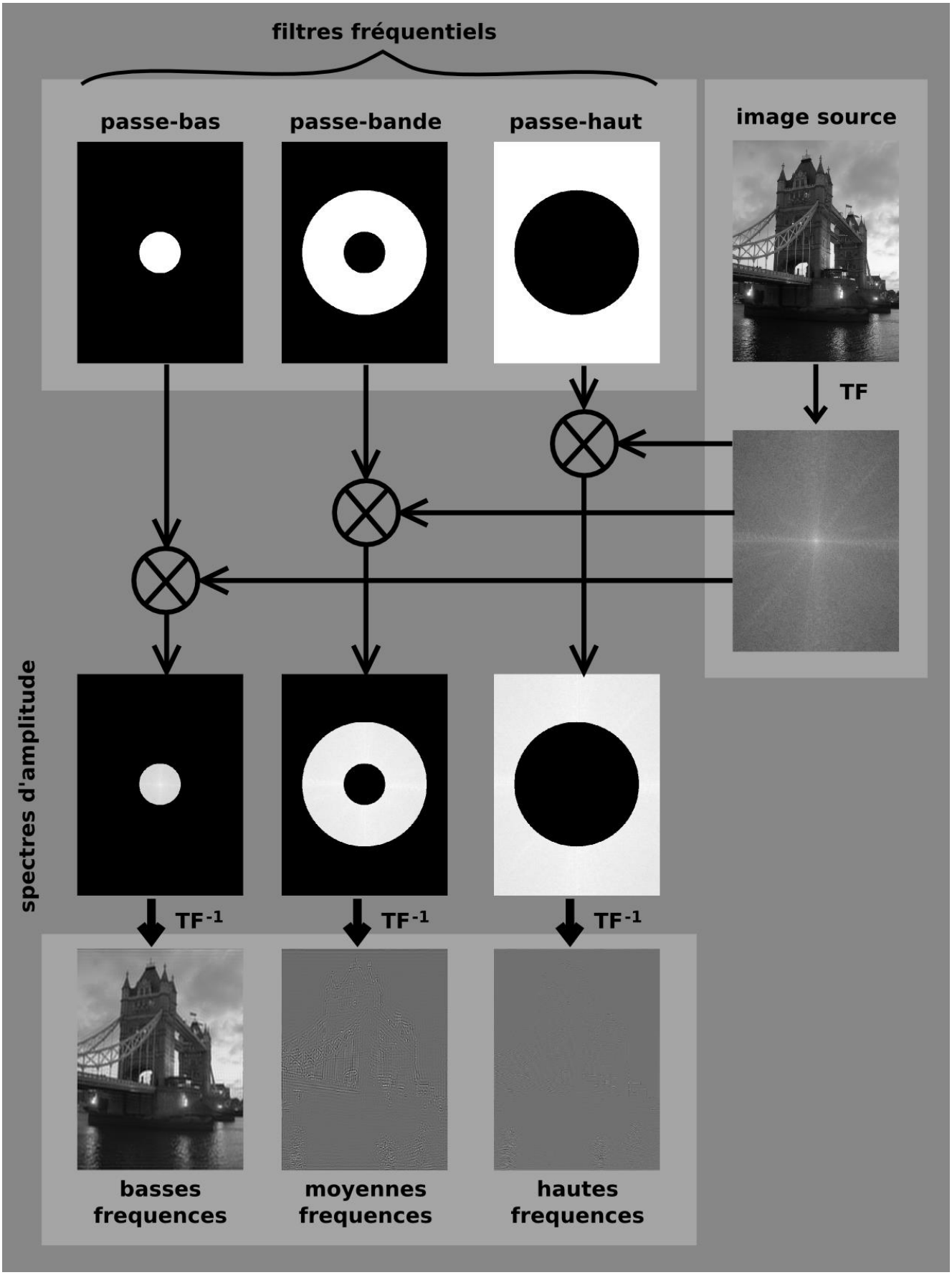

WOODY AL
Nostalgie de
les 4 belles lisses prises.



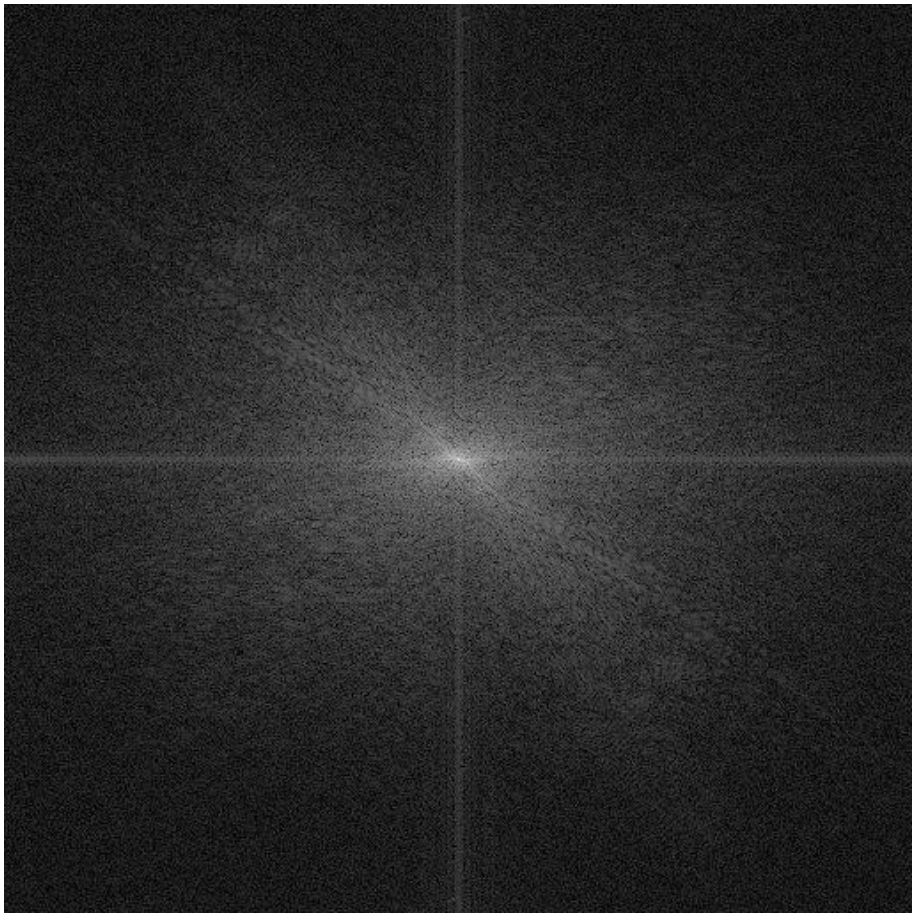




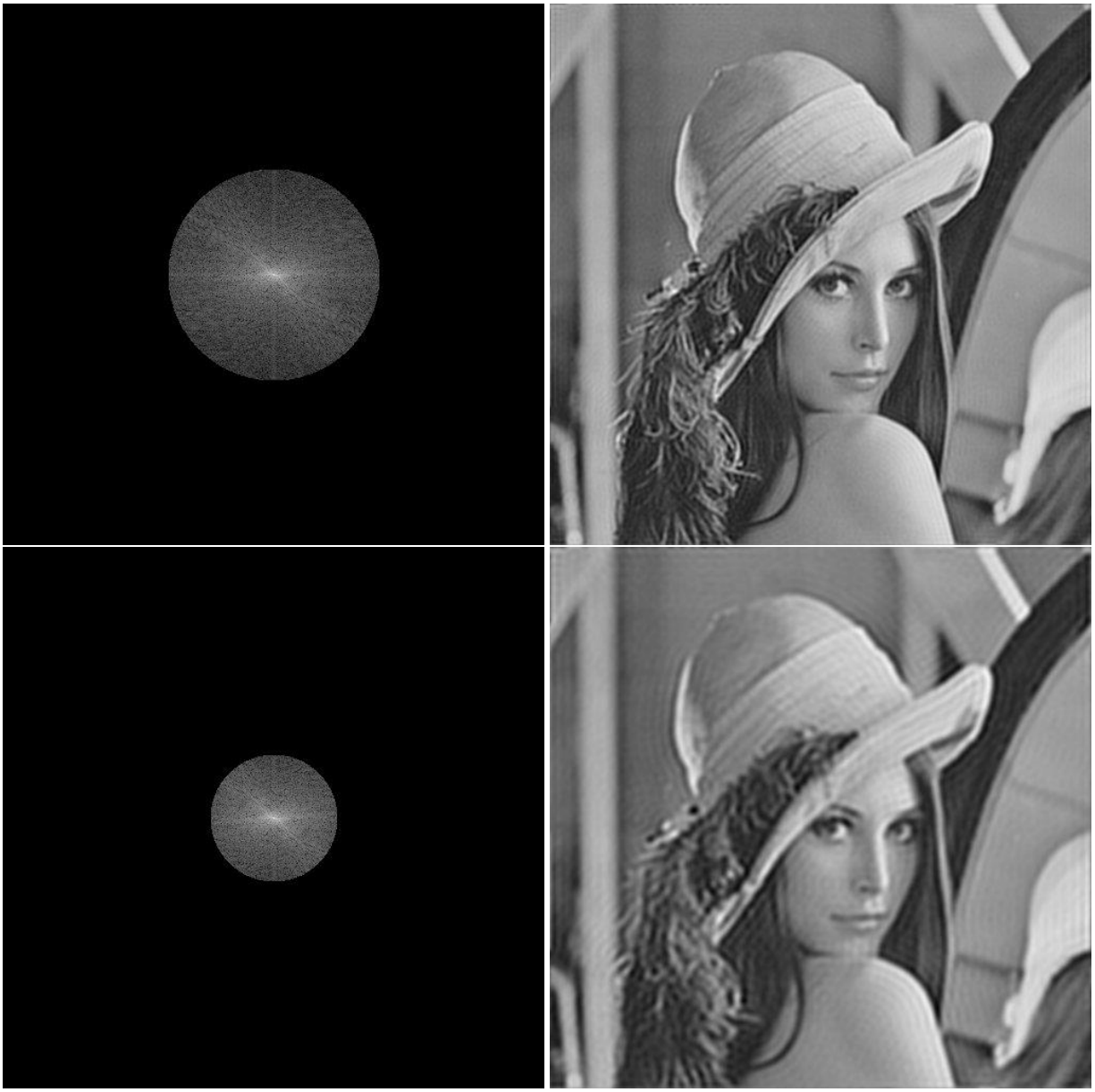
Utilisation de filtres optiques



Traitement d’une photo par Transformée de Fourier spatiale

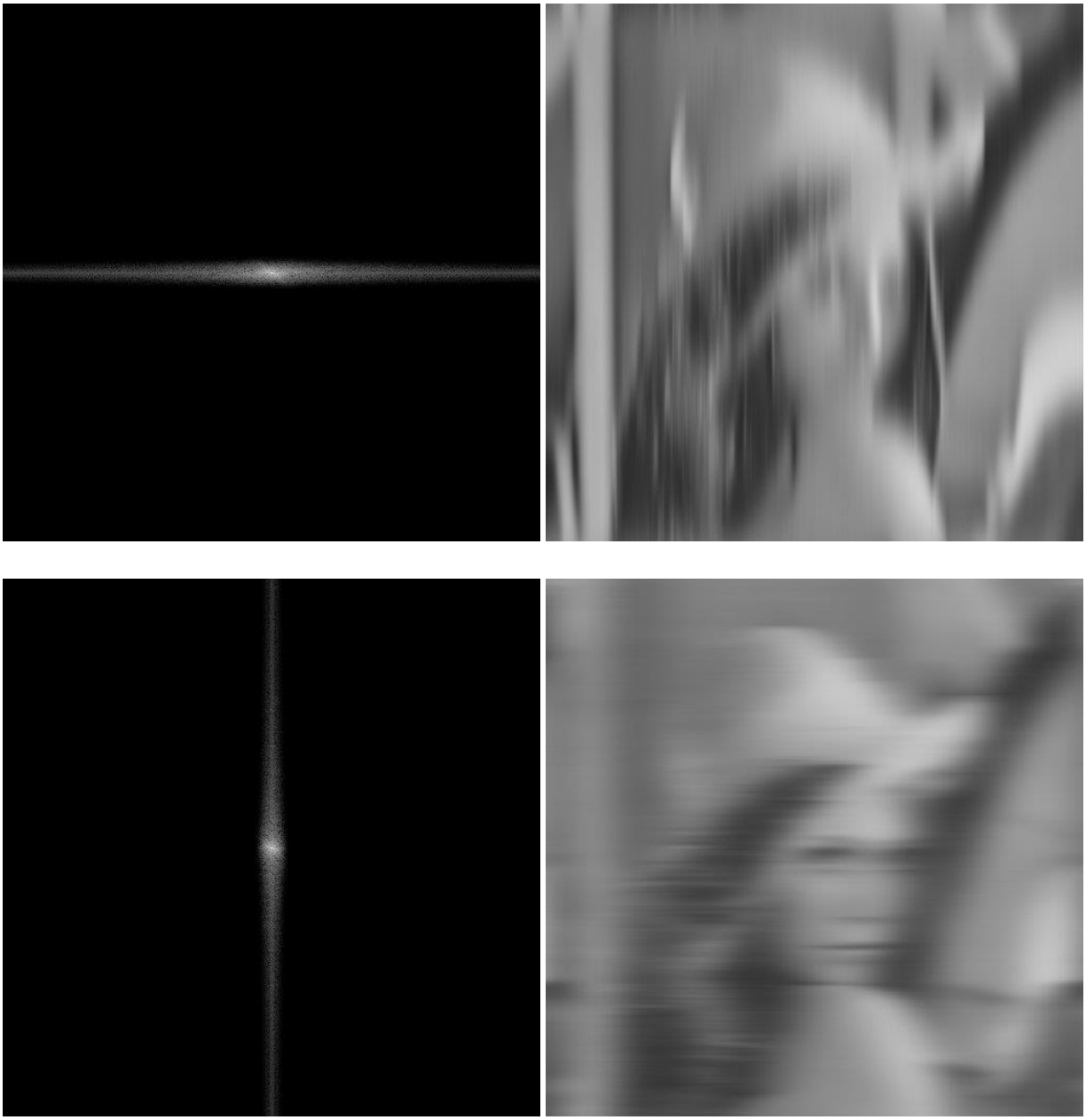


Filtrage passe-bas pour supprimer les défauts

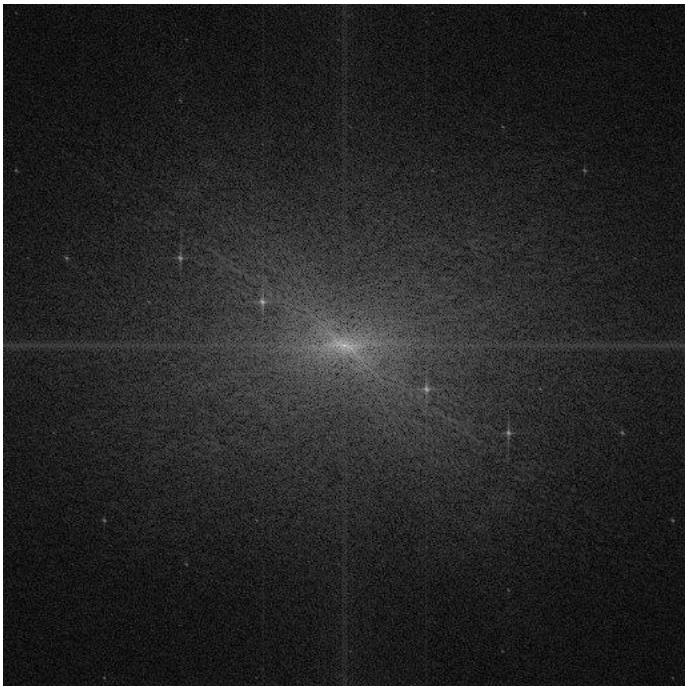


Filtrage gaussien : l’image obtenue est floutée

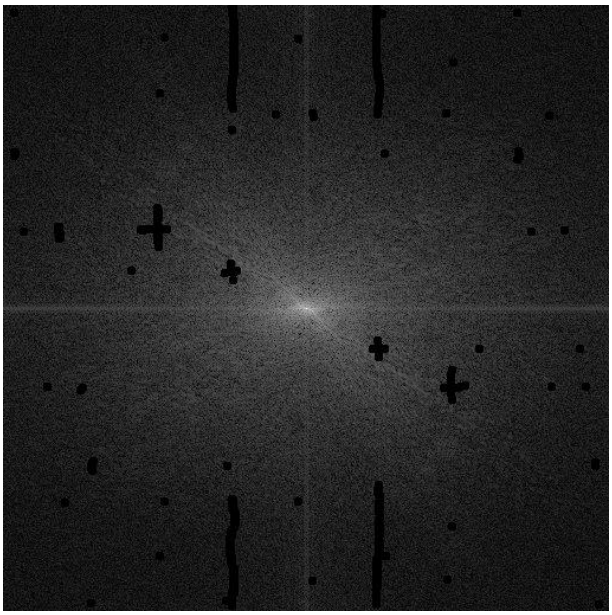
Filtrage gaussien dans une direction donnée :
on supprime les variations spatiales de l'image dans la direction orthogonale



Suppression d’un tramage par filtrage



On supprime directement les fréquences spatiales correspondant aux défauts



L’image est détramée.