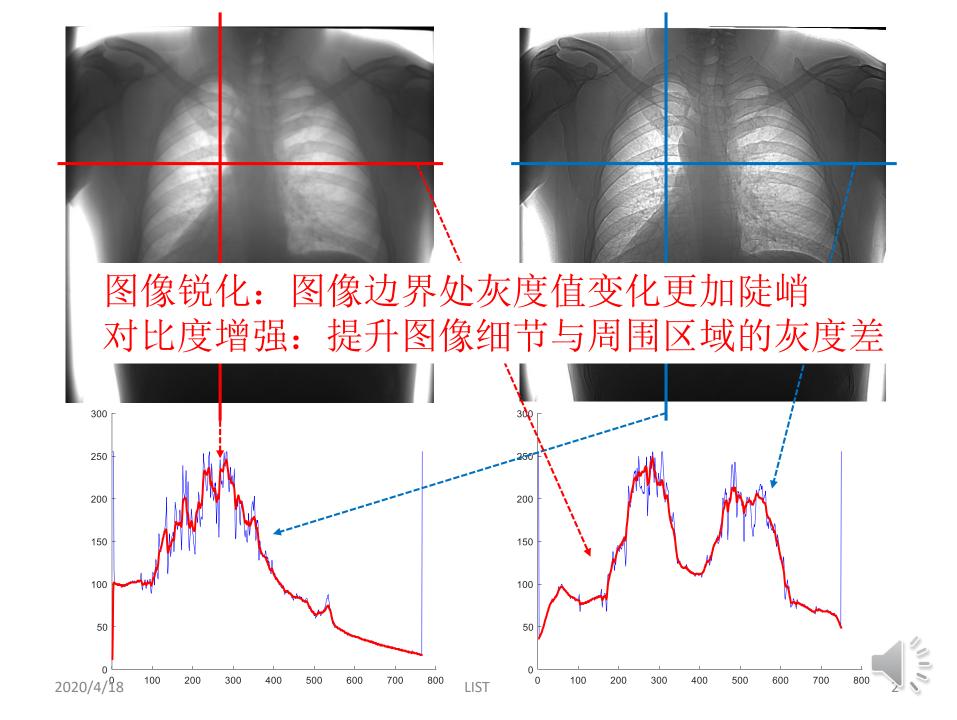
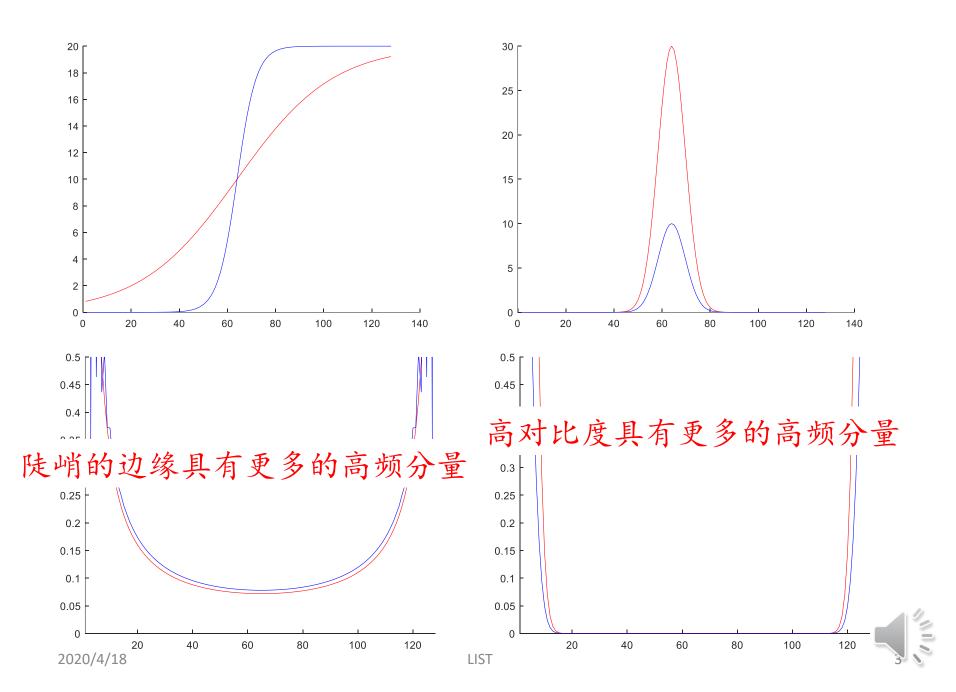
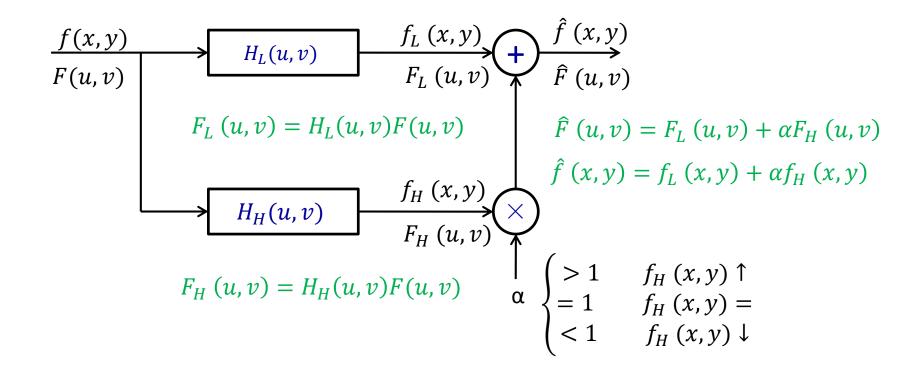
图像锐化&对比度增强 Image Sharpening Contrast Enhancement





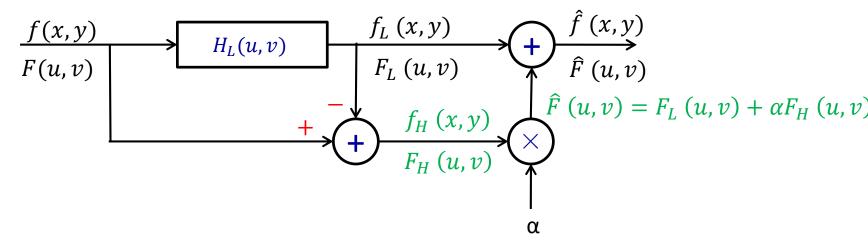


Unsharp Masking



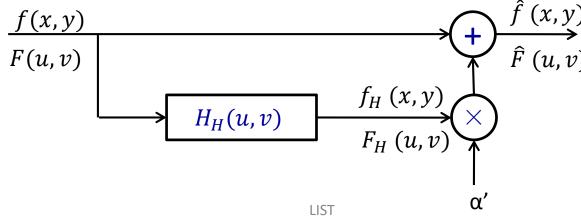


$$H_L(u, v) + H_H(u, v) = 1 \rightarrow H_H(u, v) = 1 - H_L(u, v)$$



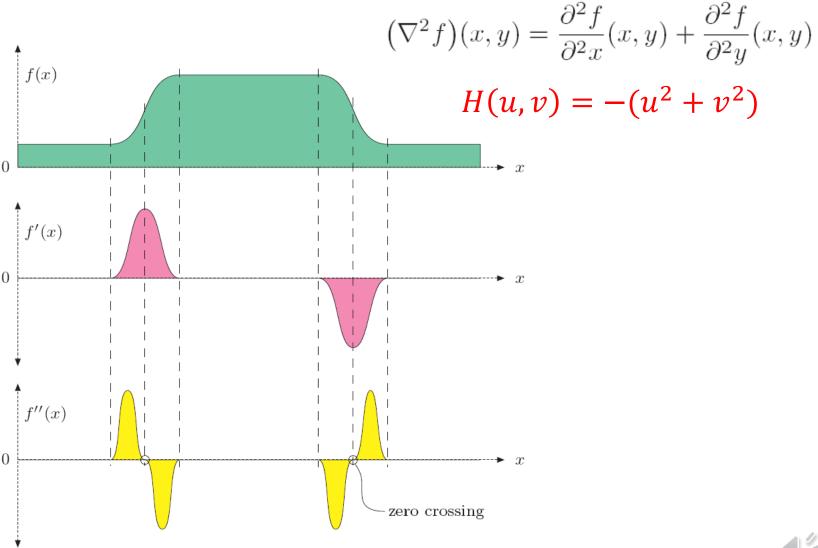
 $\exists \exists \alpha = \alpha' + 1 \rightarrow \hat{F}(u, v) = H_L(u, v)F(u, v) + H_H(u, v)F(u, v) + \alpha'H_H(u, v)F(u, v)$

$$\widehat{F}(u,v) = [1 + \alpha' H_H(u,v)] F(u,v)$$

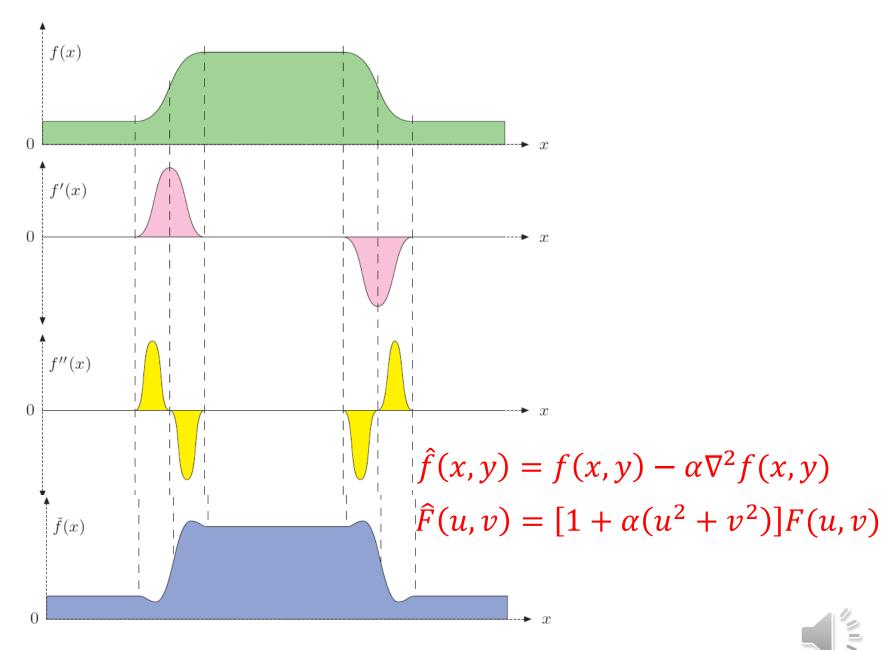


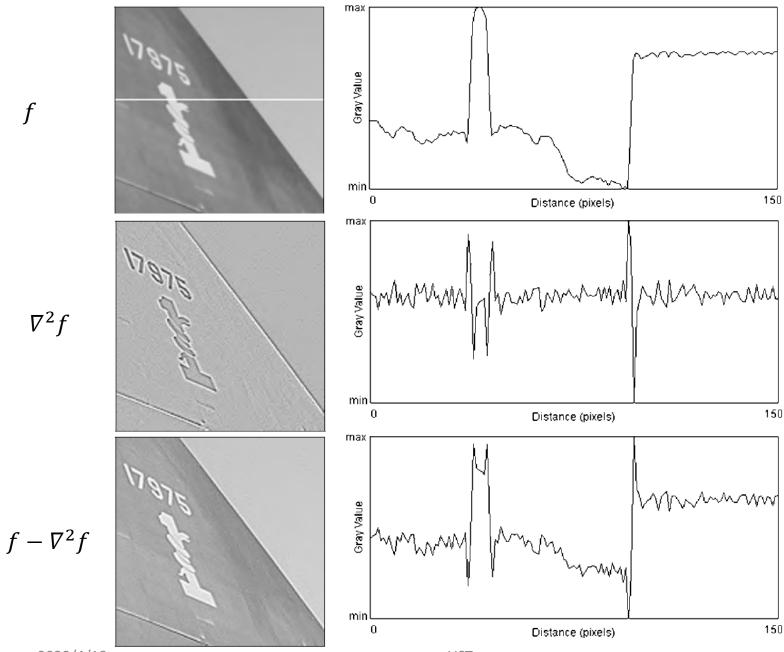


Laplacian







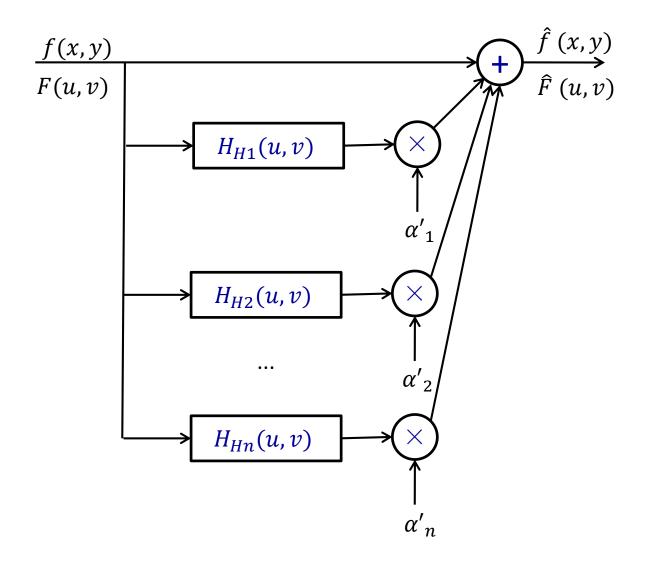




2020/4/18

LIST

多分辨Unsharp Masking





同态滤波器(Homomorphic Filter)

Retinex

对比度增强算法

$$logI(x,y) = logL(x,y) + logR(x,y)$$

$$\begin{array}{c|c}
I(x,y) \\
\hline
Log(\cdot)
\end{array}$$
Unsharp
$$Exp(\cdot)$$
Masking

