Metodologijadomasna

December 8, 2019

: ( )
.

$$I_{f,filt} = HI_f \tag{1}$$

Octave “Band pass gaussian filter” . Bandpass
:

$$H(i,j) = e^{\frac{d(i,j)^2}{f_h^2}}(1 - e^{\frac{d(i,j)^2}{f_l^2}}) \tag{2}$$

(,) ,
. 2D .
:

$$F(u,v) = \iint_{-\infty}^{\infty} f(x,y)e^{-i2\pi(ux+vy)}dxdy \tag{3}$$

$$F(u,v) = \sum_{m=-\infty}^{\infty}\sum_{n=-\infty}^{\infty} f[m,n]\cdot e^{-i2\pi(ux+vy)} \tag{4}$$

2D .
:

$$F(x,y) = \iint_{-\infty}^{\infty} f(u,v)e^{-i2\pi(ux+vy)}dudv \tag{5}$$

$$F(x,y) = \sum_{m=-\infty}^{\infty}\sum_{n=-\infty}^{\infty} f[m,n]\cdot e^{-i2\pi(xmu_0+ynv_0)} \tag{6}$$

[ ]: