The zero sadded to 4x4

W→ so-lated by 180°

-1 0 0

0 0 1

Redponse at (-1,-1) -1.0+0.0+...+1.1 = 1

Response at (0,0) -1.0+0.1+0.0+...+1.1 = 1at (1,1) -1.1+0.0+...+0.1+0.1+0.1.0 = -1at (2,2) again response od -1 Output
0 0 0 0
0 0 0

It required, if you want to blux In general, if you want to blux image in, day photoshop, you would want image in a size out put image. Here, we know as that input image strout at (0,0). That input image strout at (0,0). We can pick up size of 2x2 abouting at (0,0) or e

[0 -1]

(Q 3-b) Unshows masking A(N,y) + gmask (N,y) Smack (n/y) = -f(1/y) - -f(1/y) * W(n/y) W(n,y) -> blue filter then, f (n,y) + f(n,y) + f(n,y) + W(n,y) S(nix) #2 f(nix) = f(nix) x W(nix) f(M,A) * (28(M,A) * M(M,A)) $W(n_1 y) = \begin{bmatrix} 0 & 1 & 1 \\ 0 & 2 & 1 \\ 0 & 1 & 0 \end{bmatrix}$ all ones Osigin

$$\frac{1}{2\pi} \int_{\infty}^{\infty} \int_{\infty}^{\infty} (\omega - \kappa \omega_0) + \int_{\infty}^{\infty} (\omega + \kappa \omega_0) e^{j\omega + \kappa \omega_0} d\omega + \frac{1}{2\pi} \int_{\infty}^{\infty} \int_{\infty}^{\infty} (\omega + \kappa \omega_0) e^{j\omega + \kappa \omega_0} d\omega + \frac{1}{2\pi} e^{-j\kappa \omega_0 t} \int_{\infty}^{\infty} \int_{\infty}^{\infty} (\omega + \kappa \omega_0) d\omega + \frac{1}{2\pi} e^{-j\kappa \omega_0 t} \int_{\infty}^{\infty} \int_{\infty}^{\infty} (\omega + \kappa \omega_0) d\omega + \frac{1}{2\pi} e^{-j\kappa \omega_0 t} \int_{\infty}^{\infty} \int_{\infty}^{\infty} (\omega + \kappa \omega_0) d\omega + \frac{1}{2\pi} e^{-j\kappa \omega_0 t} \int_{\infty}^{\infty} \int_{\infty}^{\infty} (\omega + \kappa \omega_0) d\omega$$

$$= \frac{1}{2\pi} \int_{\infty}^{\infty} \int_{\infty}^{\infty} (\omega + \kappa \omega_0) e^{j\omega + \kappa \omega_0 t} d\omega + \frac{1}{2\pi} e^{-j\kappa \omega_0 t} \int_{\infty}^{\infty} \int_{\infty}^{\infty} (\omega + \kappa \omega_0) d\omega$$

$$= \frac{1}{2\pi} \int_{\infty}^{\infty} \int_{\infty}^{\infty} (\omega + \kappa \omega_0) e^{j\omega + \kappa \omega_0 t} d\omega + \frac{1}{2\pi} e^{-j\kappa \omega_0 t} \int_{\infty}^{\infty} \int_{\infty}^{\infty} (\omega + \kappa \omega_0) d\omega$$

$$= \frac{1}{2\pi} \int_{\infty}^{\infty} \int_{\infty}^{\infty} (\omega + \kappa \omega_0) e^{j\omega + \kappa \omega_0 t} d\omega$$

$$= \frac{1}{2\pi} \int_{\infty}^{\infty} \int_{\infty}^{\infty} (\omega + \kappa \omega_0) e^{j\omega + \kappa \omega_0 t} d\omega$$