Given, first picture 3, is taken by adjusting camera lines scene outside (4.) is in focus. reflection off the window surface (42) 8, = fithzxfz | hz - Blor kernel acting ond 2-0 will be blorised

as not in the series of the food without my a second out the

Second picture 92 is taken by adjusting camera lens Sterre reflection off window in focus. Carrera kny Scere outside (11) will be de boused

92 = hi*dit fz / hr - Blur kund acting ond;

91,92, hihr skrown

manyform on (), (2) id (0,v) f2(0,v) = (3) Apply 20 footer transform on (1), (2) G2(U,V) = H1(U,V). F1(U,V) + F2(U,V)

$$f_{2}(v,v) = G_{2}(v,v) - G_{1}(v,v) H_{1}(v,v) - G_{2}(v,v) + G_{3}(v,v) H_{2}(v,v)$$

$$f_1(u,v) = G_1(u,v) - G_2(u,v) H_2(u,v)$$

-6

Now we can opply invest fourier transform on 36 to get of 2, to respectively. to soon thone good has soit as

Now of it garbourges ocion salt resonant set

The only rate above said fails is when denominator is O. That is the (v,v) . Hz (v,v) = 1 97 HI(U,V). HI(U,V) = 1 Then F((W,V), F2(U,V) will become undefined which is a contridiction to : Numerator also will become zero since filo, v), filoso the fact fi(viv), f2(viv) defined. Even though defined we can't get distz from them. Cases where we can't find distract (16) about a man Since hi, he are blorkernay, Sommation overdomain is] Cowsider, $H_1(0,0) = \sum_{n=1}^{\infty} \int_{-\infty}^{\infty} h_1(n,y) e^{-j2\pi(0)(n)} e^{-j2\pi(0)y}$ $H_1(0,0) = \sum_{n=1}^{\infty} \int_{-\infty}^{\infty} h_1(n,y) e^{-j2\pi(0)(n)} e^{-j2\pi(0)y}$ $H_1(0,0) = \sum_{n=1}^{\infty} \int_{-\infty}^{\infty} h_1(n,y) e^{-j2\pi(0)(n)} e^{-j2\pi(0)y}$ (Sommation over domain) 42(0,0) = \(\frac{7}{2}\) \(\frac{1}{2}\) \(\frac{1}\) \(\frac{1}{2}\) \(\frac (Simmation over domain)

when 0 = 0, V = 0) we can't find dir dir

One more case is when numerator close to zero and denominator is also close to zero.

In this cash very small noise im measuring of or oz increases the noise infinding fi, for which implies finding of and of very difficult.