ay() g = f + h2 + f2 Take DFT of this equation to get 6(12) F. a 67 (44 4) Gilya) = Filya) + H2(ya). F2(ya) Similarly using other equation me get -> $G_2(y,u) = F_2(y,u) + H_1(y,u) \cdot F_1(y,u)$ Loliny (D, D me get) Fily, 0) = Gi(4,0) - H2(4,0), G2(4,0) 1- H2(4,0). 8H1(4,0) 5(4,0) = h2(4,0) - H1(4,0). 61(4,0) -9 1 - H1(4,0) . H2(4,0) inverse discrete fourier transform. $f_1(x,y) = (F^T(F_1))(x,y)$ and be(x,y) = (F1(F2)(x,y). The problem with formulae 3, 4 are that in the denominator we have 1- H, (4, 4). Hz (4, 6). As we -ki know, for difocus blur me have H, (4,4) x e or. and some for H2 (4, W) is both Hpm. H1, H2 are low pass filters and have value close to 4 at low frequencies the frequencies. Hence at these low frequencies the de denominator is very close to 0. In fact at u = 0 = 0, denominator = 0 and me can't use this formula. Also, at points (u,u) in the love frequency, any moise (even if small) in the numerator will be blown to very high values since the denominator is close to 0 here making these formulae unstable to moise.