nation) Given g= h+f Taking Jourier tronsform or $C_1 = C_1$ C_2 C_3 C_4 C_5 C_5 C_6 C_6 CLine selice diget me amplant remain sele Since h is gradient operator, it will be high poss filter which will be close to O for low frequences, so we can't extract low frequency components in image. For 2D gradients, and out on partle $g_{x} = h_{x} * f$ Take jouver transform = F (G.) on F (Gy) Here also since the and My areld high pas filters, will face similar problem. HI(U,V) 300 when duris small way My (v, v) -0 when we is small insuper is agnificant and by when vis small but v significant However, when the both ward viace small, we can't extract these components of Full