	Paga No.
	Dette
Q W A)	F(v,v): E E F(x,y) e-1217 (UX + V4)
	JN x JN X=0 Y=0
	ONTON
	f(x,y) = { 0 4 x \$\pm\$10.
	255 if X=100
	-1 E/ 11 1 100 201217 (UX 1/4)
	=) F(u,v)= 1 x1 & E & f(n,y) e 1211 (UX) + Uy) (AN = 201)
	Jul Jul X=0 4:0
	1 1 20 () 1 20 () 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	7) F(U,V): 1 2° 5 (100, y) e-1 2/ (1000 + Vy) (A) X/5/10)
	20/ 4:0
The state of the s	
	-> The Annu f(100,13) = 255 4y
	-) F(U,V)= 1 x 255 x e - 1 200 TU X E e - 1 2 TVY
	201
	ΡΤ.
	Gare I & V=0
	2) P(111) - 1 200 - 120 PU 200
	1 (0,V) - 1 x 258 % e 201 x 2 1
	201 9:0
	7) n (1.0) = 1 200-TEV
· · ·	7) $F(V,0)$: 255 $e^{-\frac{1}{2}\frac{200\pi V}{201}}$
1	Bau II V = 0
	The state of the s
<u> </u>	=) F(0,V): 255 x e- 3 20. RU E (e- 12RV)
	201 7:0
	2 sum of h-p
and a	7 + (u, v) = 255 x e 201
	201 1-e-1 201

	Page No. Dete Dete The home e-12NV = 40 (2NV) + 1 (nh 2NV) = 1+01=1
	The form $e^{-1 \times RV} = 40(2RV) + \bar{\lambda}(nk_2RV) = 1 + 0\bar{\lambda} = 1$ The form of $ x ^2 = 0$ The form of $ x ^2 = 0$ The form $ x = 0$ The form of $ x ^2 = 0$ The form o
	$= \int F(u,v) = \int 0 \text{if} V \neq 0 \qquad \left[(u,v) \in [u,200] \right]$
A	255 e - 32 R (100 V) if V = 0 -) Ut only have line on prints where V=0 -> The should get a horizontal line.
	Logarithm of Fourier Magnitude after shifting
	10 -9 -8
	7 - 6 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5
	4 — 3 2