$\int_{-\infty}^{\infty} x(\mathcal{X}) g(t-2) d2$ $\int_{a}^{b} x(x) y(t-2) dx$ (x*y(1)=) X(2x) y(t-2x) oh Ez = at Koh t > by discrete value on aniform the sounce stelp h $t_e = a' + l \cdot b$ 5/h x(a+x.h)y(a

 $A_{ij} = y_{i-j}$ pa Ymn. $C = \frac{1}{n} F^*$ - diagonal $= W = (e^{-2R^2})$ $W = (e^{-R^2})$ 27/6

= 1-12=1 Fulz Wint - WW2

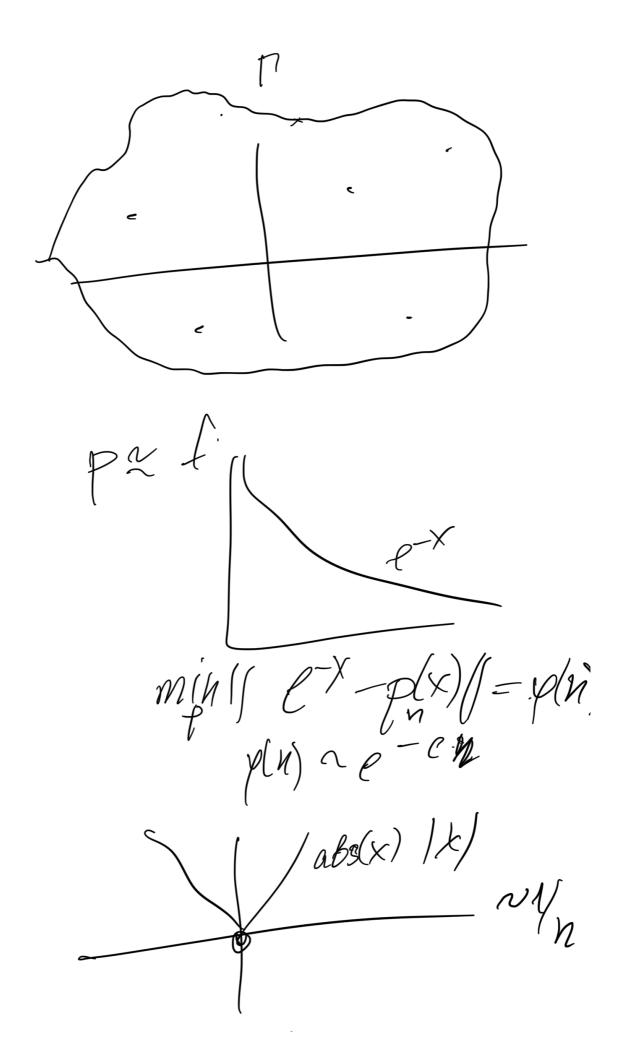
I $= \begin{pmatrix} \chi / \\ \chi / \\$ Fuzz (

t1 + 2 + 2 + 2) + $y = f \cdot x$ $x \in \mathbb{R}^n \rightarrow \mathbb{R}$ 2D signal NYM matrix or (nm) vector octput is now vector 20 FFT is then given by nmxnm И e-scaled circulant

· Hourel Van dermande Cauch

С D(X).A-HP(1)=2 F(T)T-T

FILLIZ - +11 +12 - +11 - 12 - 11 - 11 - 12 - 11 - 12 - 11 - 12 - 11 - 12 - 11 - 12 - 11 - 12 - 11 - 12 - 11 - 12 - 11 - 12 - 11 - 12 - 11 - 12 - 11 - 12 - 11 - 12 - 11 - 11 - 12 - 11 - 11 - 12 - 11 - 1 = 1 f₁₁ t₁₁ t₁₂ t₁₂ t₂ 1 f₁₂ t₂ = \(\frac{1}{11\tan\frac{1}{12\tan\ $f_{12}(t_{11}-t_{12})=t_{12}$ $f_{12}(t_{21}-t_{12})=t_{12}$ f19 = f1, t12 - t12 fez f(z)(zI-A) $f(A) = \emptyset$



point c Grangu-Wasser 6W(M,N) > 840 C 1hx+(H)-hx+(N), Point-cloud -> graph Lap lacian the graph -Lut)

$$\frac{1}{2}(C) = \frac{1}{2}(C)$$

$$\frac{1}{2}(C) = \frac{1}{2}(C)$$

$$\frac{1}{2}(C) = \frac{1}{2}(C)$$

$$C = CT = A^{+1/2}(C)$$