IN LABORATORISSKA UJEZBA

1. 20 bFT

$$F[k,k] = \sum_{n=0}^{N-1} \sum_{m=0}^{M-n} f[m,m] e^{-j2\pi \frac{km}{N}} e^{-j2\pi \frac{km}{N}}$$

20 10FT

UVSET:
$$f(n, m) = f(n) \cdot f(m)$$

 $f(k, k) = f(k) \cdot f(k)$

$$f[n,m] = \frac{1}{Nm} \sum_{k=0}^{N-1} i 2\pi \frac{km}{N} \sum_{k=0}^{M-1} f(k) f(k) e^{j 2\pi} \frac{km}{m}$$

 $f(m,m) = \frac{1}{N \cdot M} \sum_{k \geq 0}^{N-1} f_k(k) e^{j2\pi \frac{km}{N}} \sum_{k = 0}^{N-1} f_k(k) e^{j2\pi \frac{km}{N}}$ f m (m) A(m)

$$\frac{1}{2} \left(0 \times , h \right) \left(- \right) F \left(\frac{\varepsilon_1}{0}, \frac{\varepsilon_2}{h} \right)$$

SKACIRANIF! PROJTORON DBJEKTA NA

SLICI RASTE I SADAZAJ U FREDEVENCO JSHOU

orméni,

ROTACIJA! ROTACIJOM PROSTORNE DOMENE

ROTIRE SE 1 FREHUERE PSKD

EA CSFT B) SUDISTUD SMICANNA

$$\lambda[n,m] = \left\{ \begin{array}{l} \frac{1}{N^2} \left[-\frac{N-1}{2} \right] \leq m \leq \left[\frac{N-1}{2} \right] \cdot \left[-\frac{N-1}{2} \right] \leq \left[\frac{N-1}{2} \right] \\ 0, \ N \cap CE \end{array} \right.$$

NEPARNI N=5
$$\begin{bmatrix} -2,2 \end{bmatrix}$$

PARNI N=4 $\begin{bmatrix} -7,2 \end{bmatrix}$

$$H\left(2^{i}w_{1},2^{i}w_{2}\right)=\sum_{N}^{2}\frac{1}{N^{2}}\cdot 2^{-i}\left(w_{1}m-w_{2}m_{3}\right)$$

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$$pomne = \frac{1}{2} \approx pnnn, N$$