TEST PS CAB #02

Descrieți 3 proprietati elimentan ale Transformatei Familier presentate in sedinta de laborator

1) IVERSIBILITATEA TRANSFORMATE I FOURIER

Thamsformate Fancier inversa care asociata umui semual frevential X semualul (temporal) X an unimateana expresse: $X[m] = \frac{1}{2\pi} \int_{-\infty}^{\infty} X(w) e^{+j\omega m} dw$, Y = 0

c) its provetati de sumetrie als Transformatei Tamuer pt semuale male: $\begin{array}{l} \chi(-\omega) = \chi(\omega) \\ |\chi(-\omega)| = |\chi(\omega)| \\ |\chi(-\omega)| = |\chi(-\omega)| = |\chi(-\omega)| \\ |\chi(-\omega)| = |\chi(-\omega)| = |\chi(-\omega)| \\ |\chi(-\omega)| = |\chi(-\omega)| = |\chi(-\omega$

3) Combervalla emergiei (M.A. PARSEVAC)

Transforande Families comsorva emergia para la o comstanta unultiplicativa independente de seminale $E(x) = \sum_{m=2}^{\infty} |x[m]|^2 = \frac{1}{2\pi} \int_{-\pi}^{\pi} |x(w)|^2 dw$