

$$\mathcal{L}\left(\frac{2}{4t}\right) = 5\times(5) - 5\times(5) - 5\times(5) - 5\times(5)$$

$$- \chi'(5)$$

7 + 0 9 - 1 54(5) - 4(0) + 04(5)

 $\frac{1}{2}\frac{u(t,x)}{u(t,w)} = \int_{-\infty}^{\infty} u e^{i\omega x} dx$ $3U(5,X) = \int_{0}^{\infty} ue^{5t} dt$ $4U(5,W) = \int_{0}^{\infty} ue^{5t} dt$

51610= 6 = 0 $H(J\omega)$

