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Re x zo [m (x, k) [= K $| (1+|y|) | \leq (1+|y|) | (2+|y|) |$ $f_1(x,k) = e m_1(x,k)$ $f_2(x,k) = e m_2(x,k)$ $f_2(x,k) = e m_2(x,k)$ $f_2(x,k) = e m_2(x,k)$ $f_2(x,k) = e m_2(x,k)$ $f_2(x,k) = e m_2(x,k)$ ogli zen di W(k)=0 Im $k \ge 0$ $z = k^2$ Se W(0)=0 come nucled per 9=0 $W(k)=[e^{ikx},e^{-ikx}]=2ik$ non i ha un outovolore benei una ruononger O et une ruononger per H fe F $U \in L^{\infty}(\mathbb{R})$ $V \not\equiv O$ Hu=0 -221=0

$$\begin{array}{lll}
 & \forall (k) = [f_{\perp}(x,k), f_{\perp}(x,k)] = \\
 & = [e^{ikx} m_{\perp}(x,k), e^{-ikx} m_{\perp}(x,k)] \\
 & = [e^{ikx} m_{\perp}($$

my
$$\{R_{H}(xtie)\}$$
 $\{(2, 7, 2^{-1})\}$ $\{C\}$
 $\{R_{H}(xtie)\}$ $\{(2, 7, 2^{-1})\}$ $\{C\}$
 $\{R_{H}(xtie)\}$ $\{C\}$ $\{C\}$

$$\lim_{\epsilon \to 0} \int_{\epsilon}^{\infty} e^{i(\lambda+i\epsilon)t} e^{-itH} dt = -iR_{H}^{+}(\lambda)$$

$$\int_{\epsilon}^{+\infty} e^{i\lambda t} e^{-itH} dt = -iR_{H}^{+}(\lambda)$$

$$\int_{\epsilon}^{+\infty} e^{i(\lambda+1)H} g(\lambda) \left[\frac{2}{2}(R_{t}, \frac{2}{2})^{-4}(R_{s}) \right] = \left[\int_{\mathbb{R}}^{+} e^{i(\lambda+1)H} \chi(t-1) g(\lambda) d\lambda \right] \left[\frac{2}{2}(R_{t}, \frac{2}{2})^{-4}(R_{s}) \right]$$

$$= \left[\int_{\mathbb{R}}^{+} e^{i(\lambda+1)H} \chi(t-1) g(\lambda) d\lambda \right] \left[\frac{2}{2}(R_{t}, \frac{2}{2})^{-4}(R_{s}) \right]$$

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$$= \left[\int_{\mathbb{R}}^{+} e^{i(\lambda+1)H} \chi(t-1) g(\lambda) d\lambda \right] \left[\frac{2}{2}(R_{t}, \frac{2}{2})^{-4}(R_{s}) \right]$$

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$$= \left[\int_{\mathbb{R}}^{+} e$$

$$|R_{H}(x_{+}ie)|_{\mathcal{R}} (|z_{+}z_{+}z_{+}ie)| \leq C$$

$$|Z(R) \rightarrow |Z(R)|_{\mathcal{R}} |Z(R)|_{\mathcal{$$

