



$$\alpha_{||} \quad \alpha_{\perp} \rightarrow$$

$$\begin{matrix} k_{||} & k_{\perp} \\ g_{||} & k_{\perp} \end{matrix}$$



$$(\beta = \frac{v}{c})$$

$$c \rightarrow \infty$$

$$J_0(\gamma) = \frac{1}{2} \left( \underbrace{H_0^{(1)}(\gamma)}_{J_0 + iY_0} + \underbrace{H_0^{(2)}(\gamma)}_{J_0 - iY_0} \right)$$

$$h_0^{(1)}(\gamma) \rightarrow (\gamma \gg 1)$$

$$e^{i\gamma} +$$

$$h_0^{(2)}$$

$$\rightarrow$$

$$e^{-i\gamma} +$$

