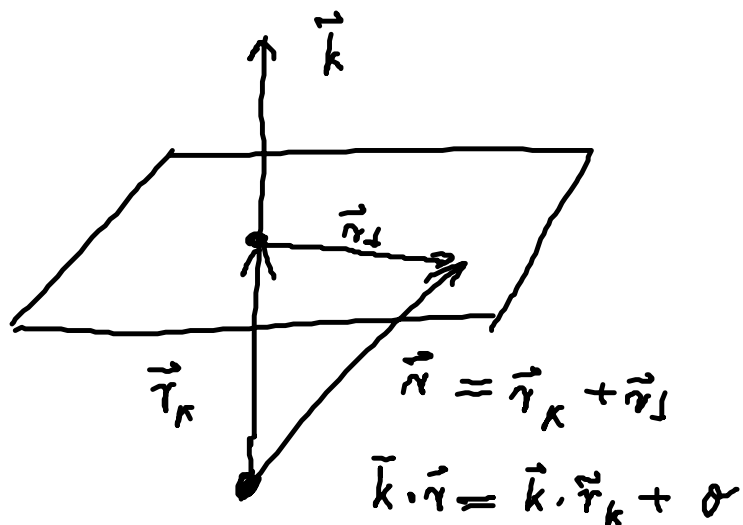
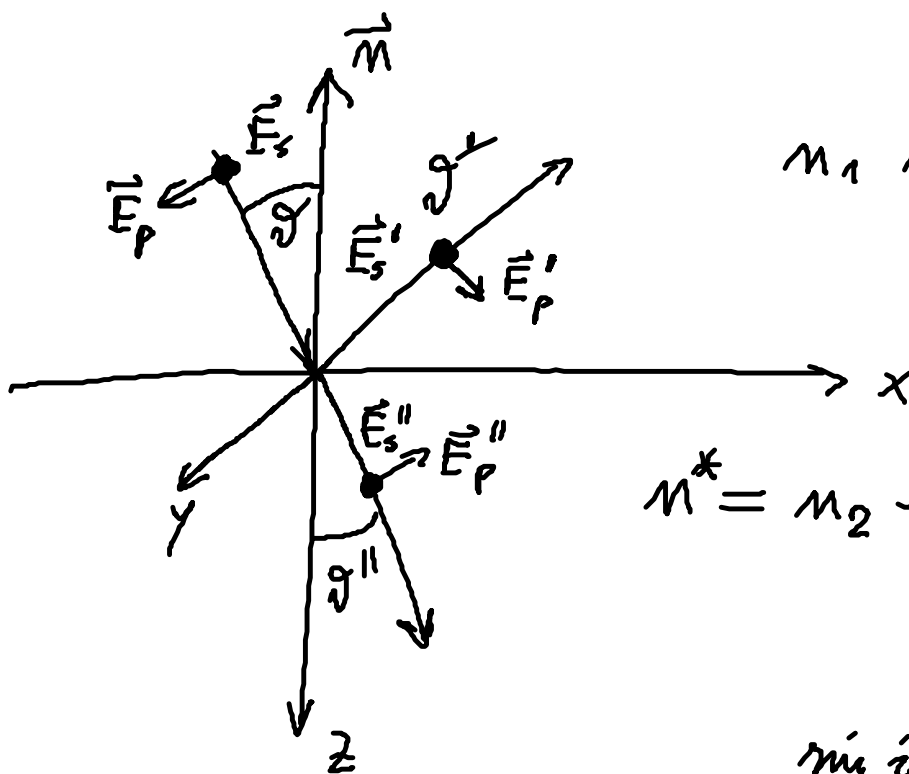


Strahlendifferenzialgleichung



$$\exp\{-i \vec{k} \cdot \vec{r}\} \exp\{i \omega t\}$$

1.4



n_1 reell

$$n^* = n_2 - i k$$

$$\sin(x + y) = \sin x \cos y + \cos x \sin y$$

$$\begin{aligned} \sin i x &= i \sinh x \\ \cos i y &= \cosh y \end{aligned}$$

$$\Rightarrow \begin{cases} \sin(x + iy) = \sin x \cosh y + i \cos x \sinh y \\ \cos(x + iy) = \cos x \cosh y - i \sin x \sinh y \end{cases}$$