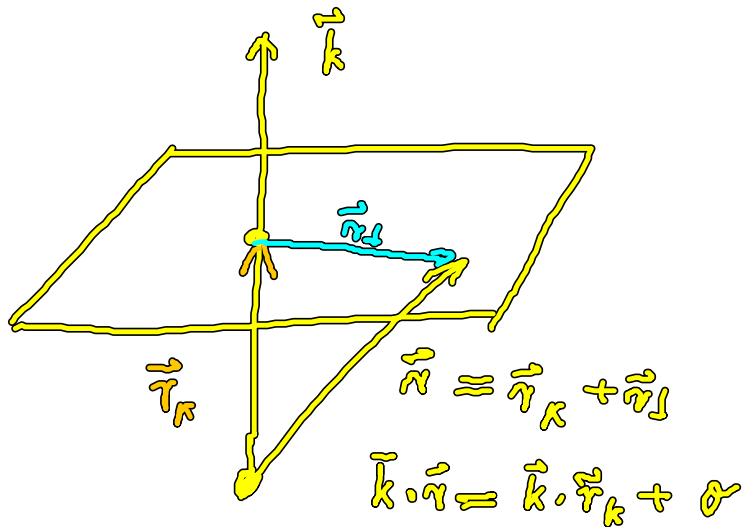
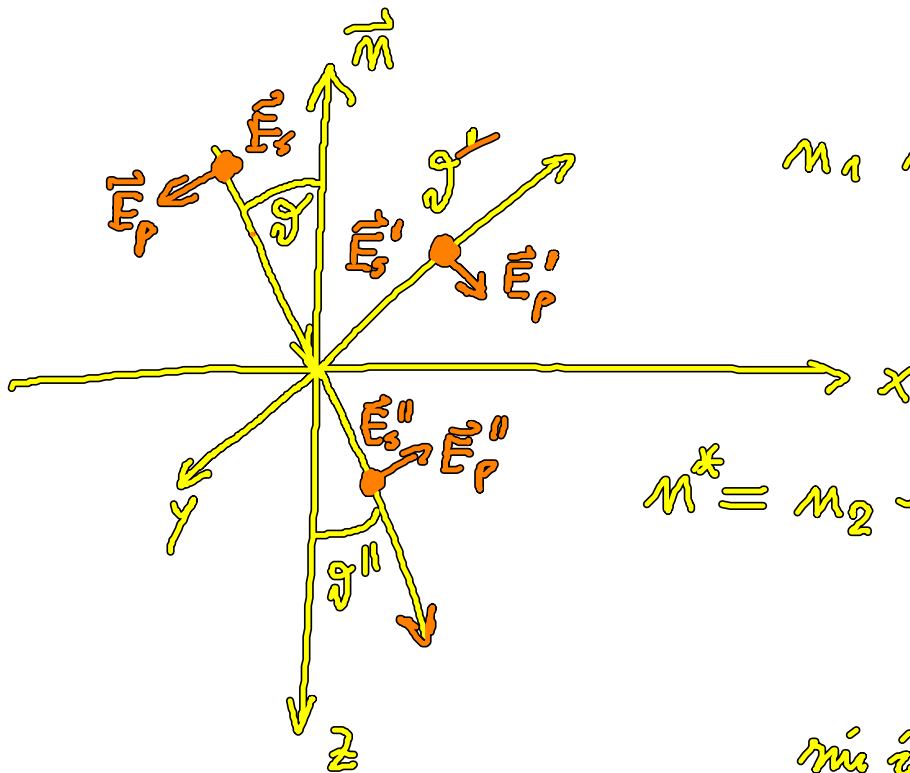


Strahlendifferenzialgleichung



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

1.4



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

$$\sin i x = i \operatorname{sh} x$$

$$\cos i y = \operatorname{ch} y$$

$$\Rightarrow \left. \begin{aligned} \sin(x + iy) &= \sin x \operatorname{ch} y + i \cos x \operatorname{sh} y \\ \cos(x + iy) &= \cos x \operatorname{ch} y - i \sin x \operatorname{sh} y \end{aligned} \right\}$$