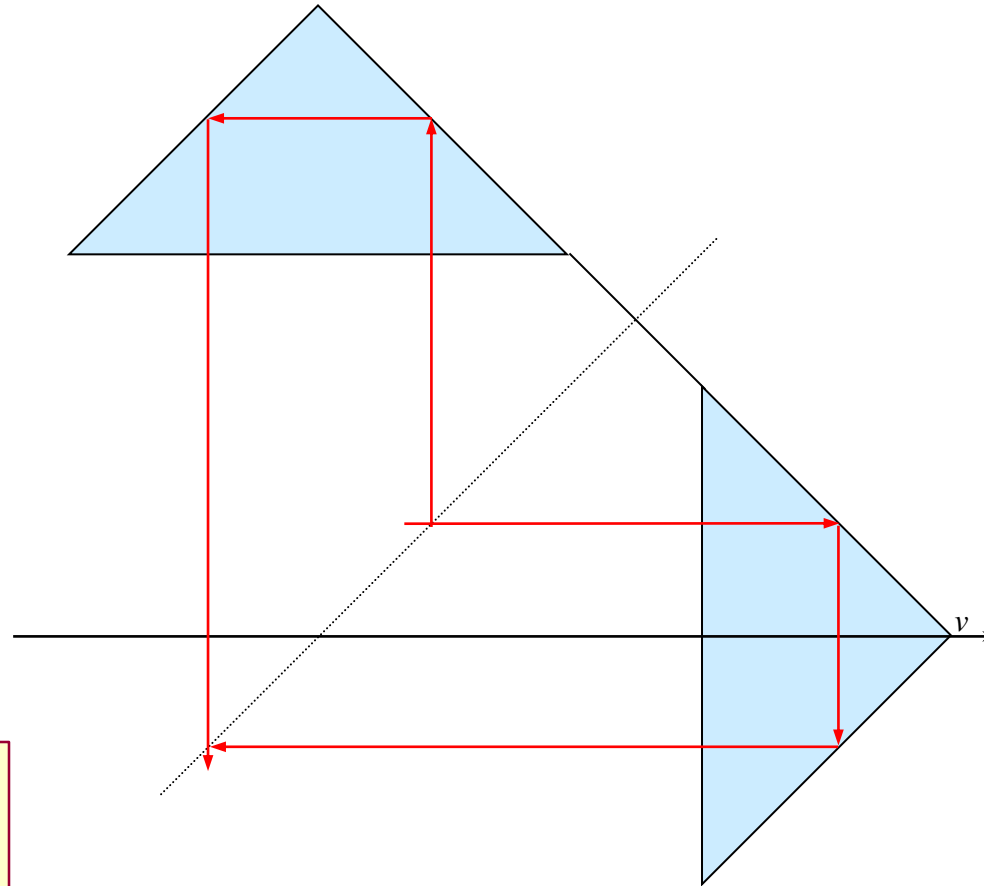
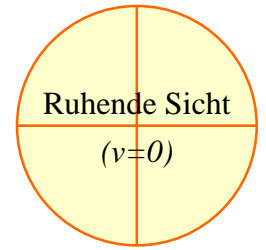
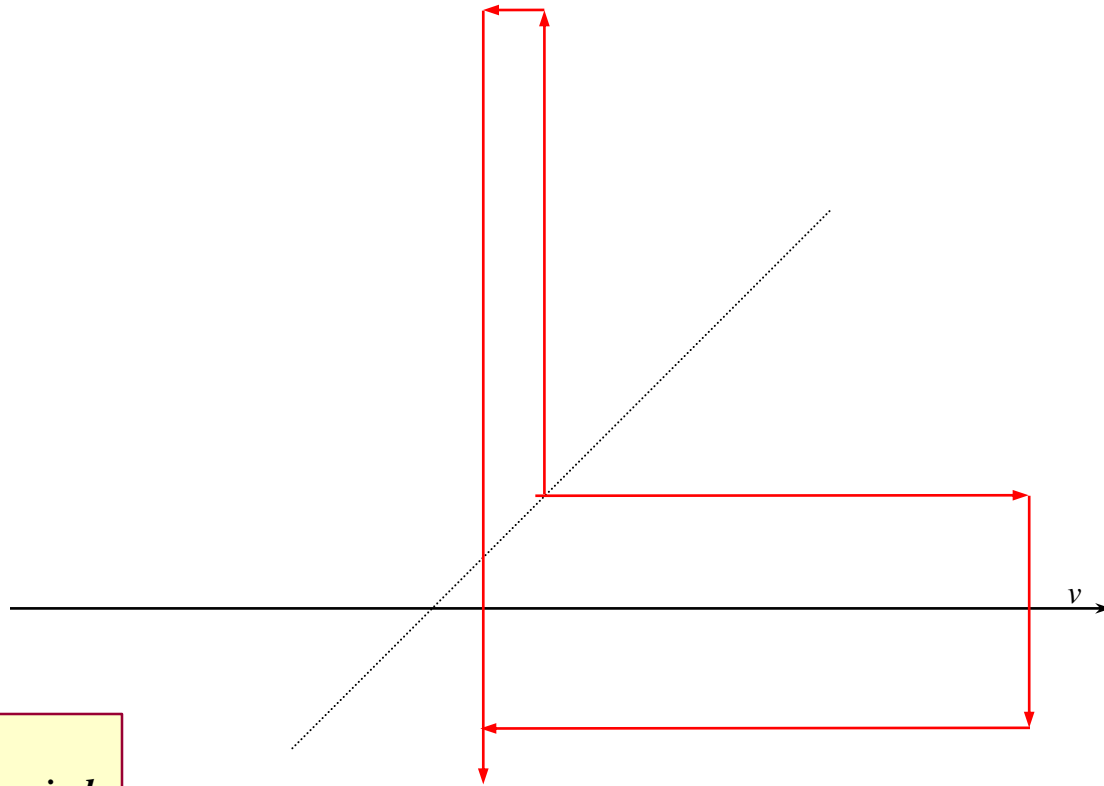
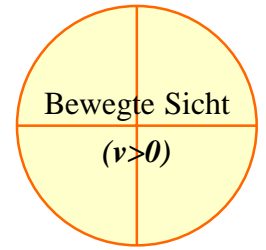


*Interferometer mit Tripel-Reflektor*



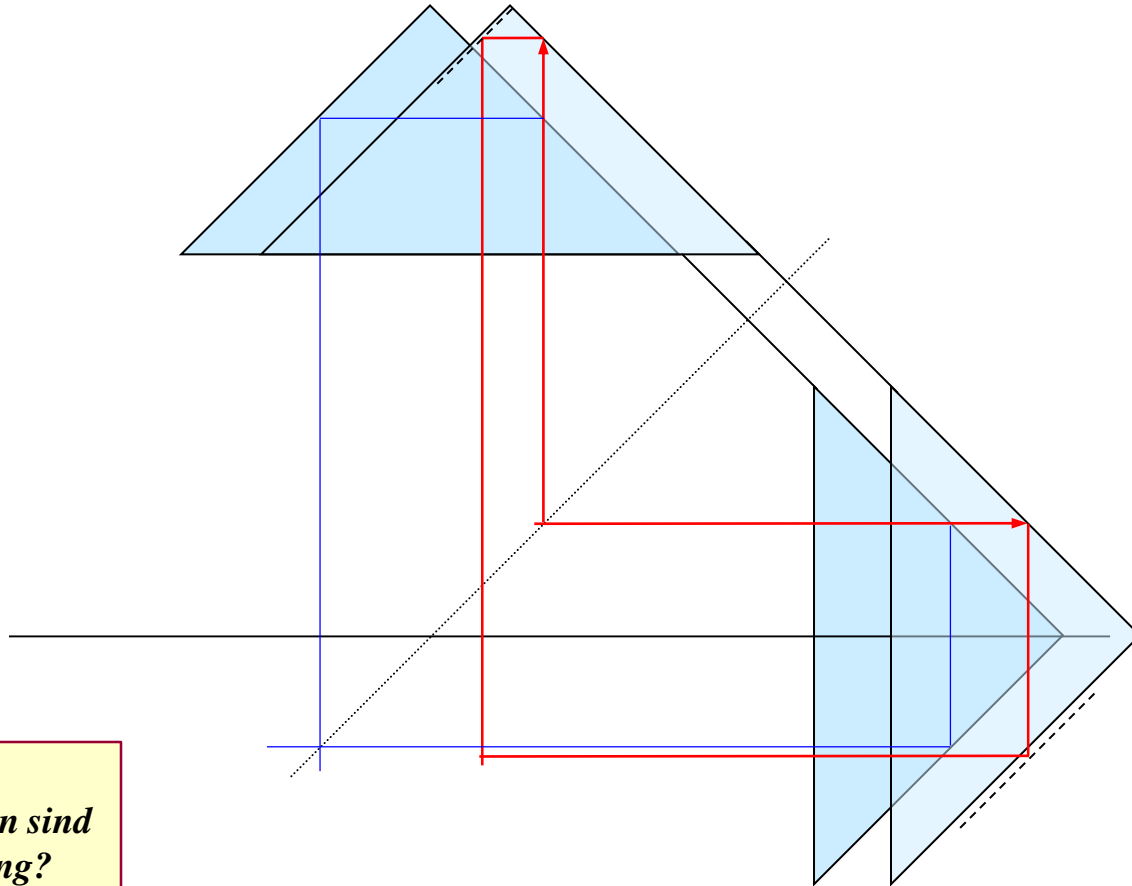
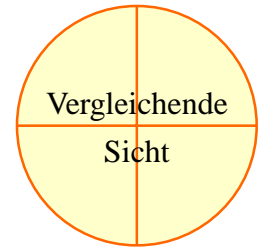
*Symmetrisch.  
Die Teilstrahlen sind  
gleich lang.*

*Interferometer mit Tripel-Reflektor*



*Asymmetrisch.  
Die Teilstrahlen sind  
verschieden lang?*

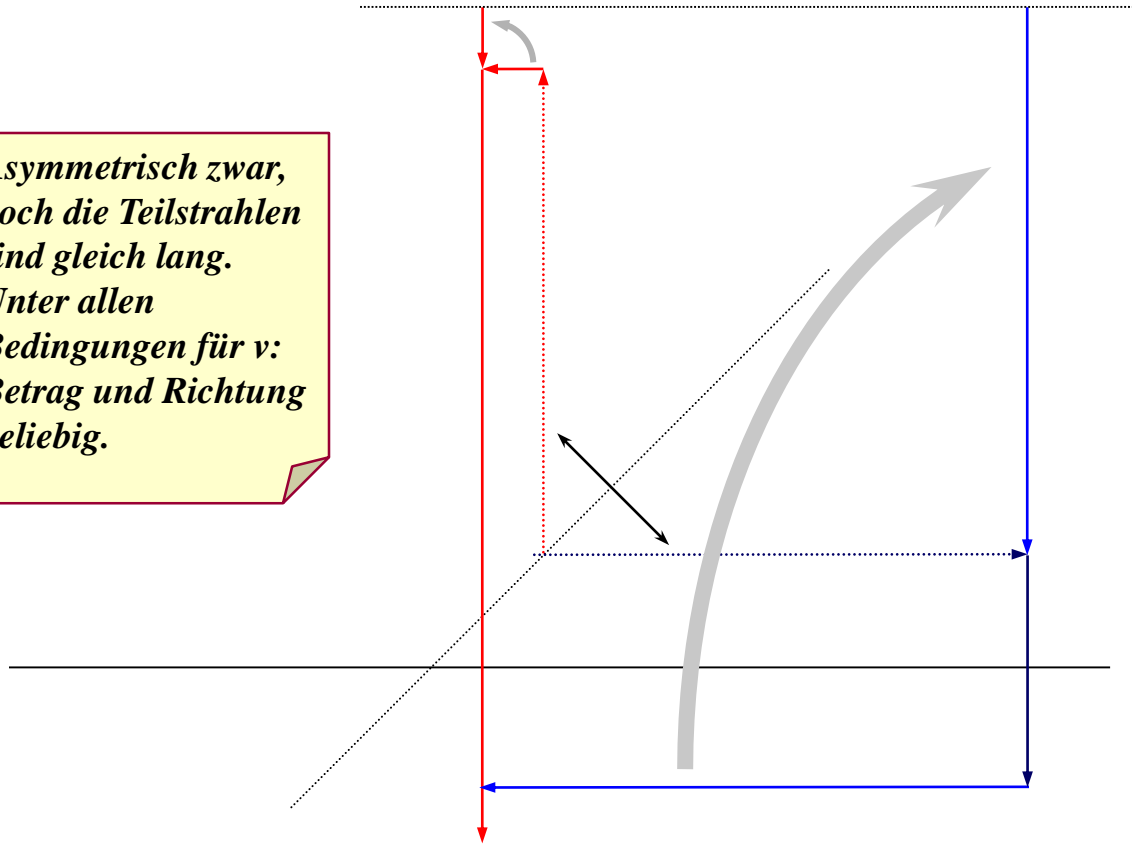
*Interferometer mit Tripel-Reflektor*



*Asymmetrisch.  
Die Teilstrahlen sind  
verschieden lang?*

## Interferometer mit Tripel-Reflektor

*Asymmetrisch zwar,  
doch die Teilstrahlen  
sind gleich lang.  
Unter allen  
Bedingungen für  $v$ :  
Betrag und Richtung  
beliebig.*

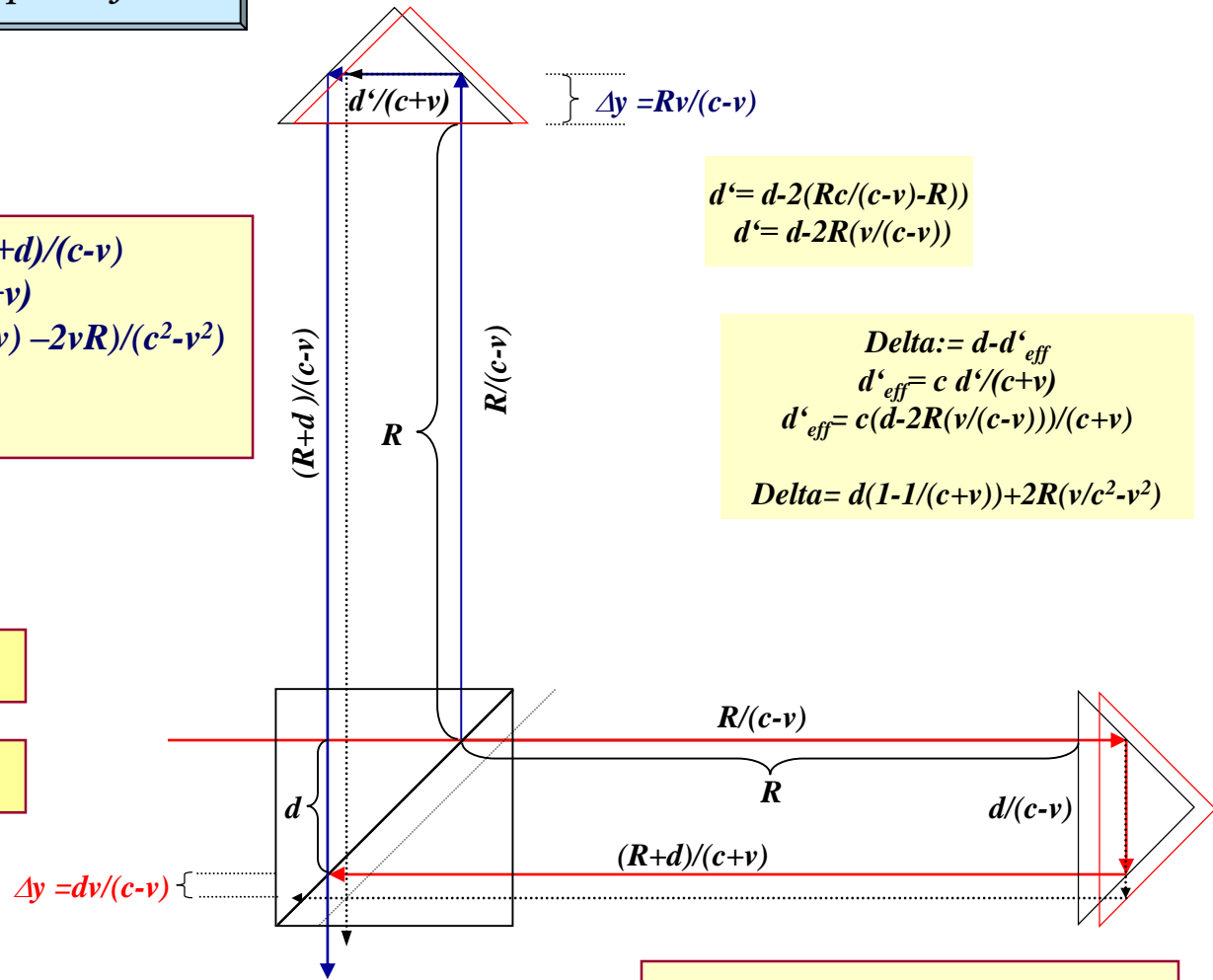


# Interferometer mit Tripel-Reflektor

$$\begin{aligned}
 t_L &= R/(c-v) + d'/(c+v) + (R+d)/(c-v) \\
 &= (2R+d)/(c-v) + d'/(c+v) \\
 &= ((2R+d)(c+v) + d/(c-v) - 2vR)/(c^2-v^2) \\
 &= (2Rc+2cd)/(c^2-v^2) \\
 &= (R+d) 2c/(c^2-v^2)
 \end{aligned}$$

$$t_L = (R+d) 2c/(c^2-v^2)$$

$$t_W = (R+d) 2c/(c^2-v^2)$$



$$\begin{aligned}
 t_W &= R/(c-v) + d/(c-v) + (R+d)/(c+v) \\
 &= (R+d)/(c-v) + (R+d)/(c+v) \\
 &= (R+d)(2c)/(c^2-v^2)
 \end{aligned}$$