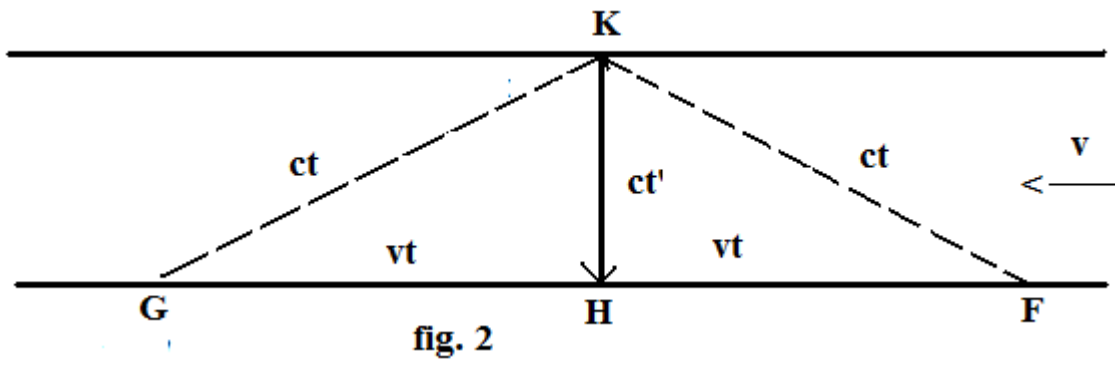


$$(ct')^2 = (ct)^2 + (vt')^2 \gggggg \rightarrow t' = t (1 - v^2/c^2)^{-1/2}$$



$$(ct')^2 = (ct)^2 - (vt)^2 \gggggg \rightarrow t' = t (1 - v^2/c^2)^{1/2}$$