



If $p=0$: $n.\sin(t')=\sin(90-t)$ i.e. $\sin(90-t)=\sin(90-t_o)$ i.e. $t_o=t_i$
 $n.\sin(t')=\sin(t'')=\sin(90-t_o)$

If $n=1$: $\sin(t')=\sin(90-p-t)$ i.e. $t'=90-p-t$ ie $2p=p+p-t_o+t$ ie $t_o=t_i$
 $\sin(t'+2p)=\sin(t'')=\sin(90+p-t_o)$ $t'+2p=90+p-t_o$