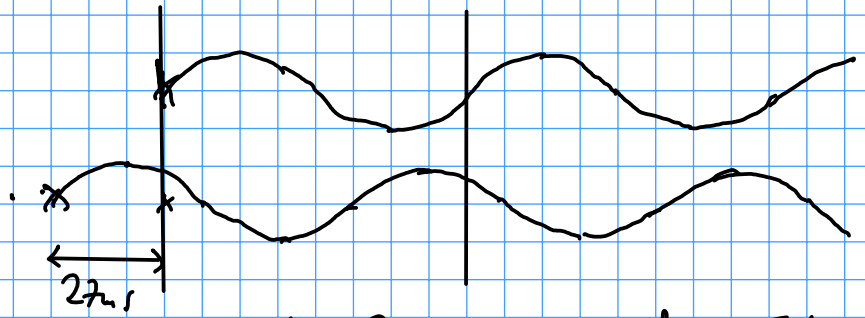
Aufgabe 15



$\Delta t = 27\,ms$ $\quad f = 25\,Hz$ $\quad T = \frac{1}{f} = \frac{1}{25}\,s = 40\,ms$

Δt	$\Delta\varphi$
T	2π
$T/2$	π
0	0

$\Delta t \sim \Delta\varphi$

$$\frac{\Delta\varphi}{\Delta t} = \frac{2\pi}{T} \Rightarrow \Delta\varphi = \frac{2\pi}{T}\,\Delta t$$

$$= 4.241 \hat{=} 243.0°$$