2.2

a) $t = \frac{d}{c}$

$n = t \cdot f_s$

$d = 5{,}5\,cm = 0{,}055\,m$

$t = \frac{0{,}055}{343} = 0{,}000160255$

$= 160{,}35\,\mu s$

$n = 160{,}35\,\mu s \cdot 31{,}25\,ksps$

$n = 5{,}011 \approx 5$

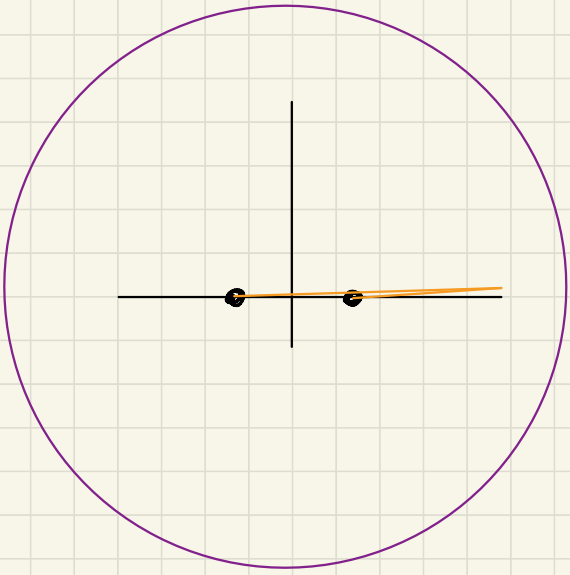
b)

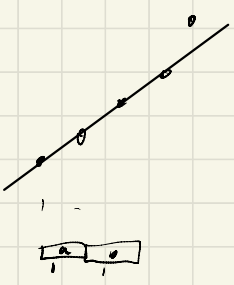
$n_{maks} = 2$ gir 5 unike vinkler

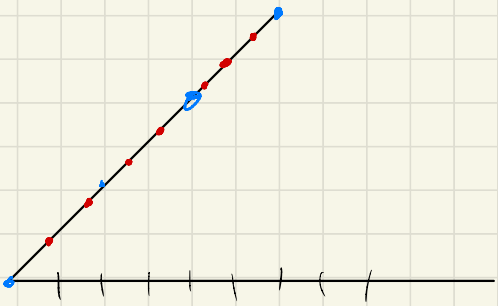
$n_{maks} = 4$ gir 9 unike vinkler

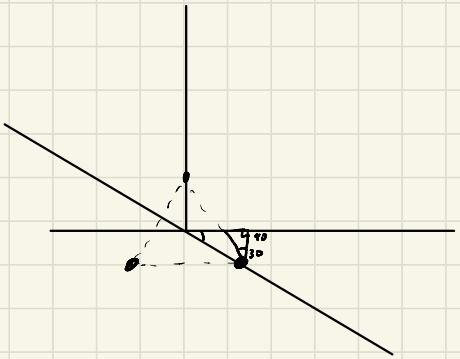
$n_{maks} = 4$

$\#U_{maks} = 2 \cdot n_{maks} + 1$, $n_{maks} \in N$








70
30