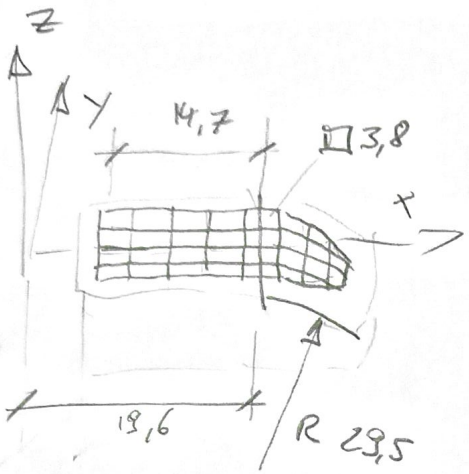
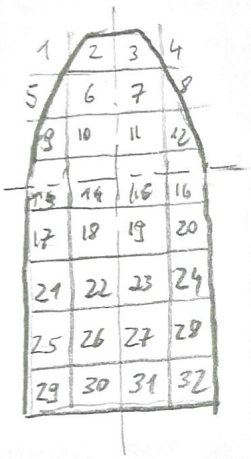
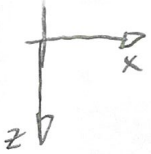
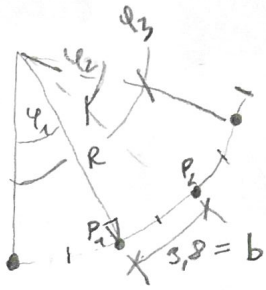
LOCAL CF

INSTITUTO DE SISTEMAS E ROBÓTICA PÓLO DO IST









$\varphi_1 = \frac{b}{R}$, $\varphi_2 = \frac{2b}{R}$, $\ell = 19,6$

$\varphi_3 = \frac{3b}{R}$

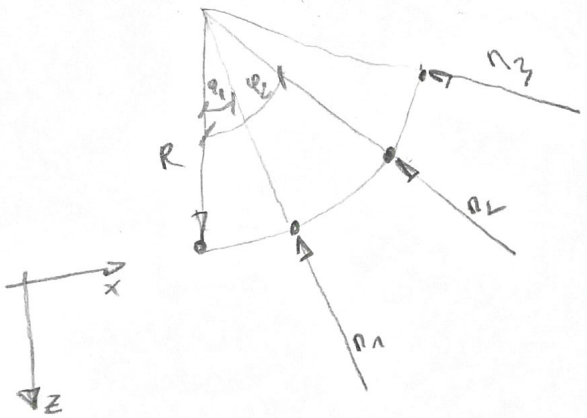
$P_{1x} = \ell + R \cdot \sin(\varphi_1)$, $P_{2x} = R \sin(\varphi_2) + \ell$

$P_{3x} = R \sin(\varphi_3) + \ell$

$P_{1z} = -R + R\cos\varphi_1 = -R(1-\cos\varphi_1)$

$P_{2z} = -R(1-\cos\varphi_2)$

$P_{3z} = -R(1-\cos\varphi_3)$



$n_{1x} = -\sin\varphi_1$, $n_{1z} = \cos\varphi_1$

$n_{2x} = -\sin\varphi_2$, $n_{2z} = \cos\varphi_2$

$n_{3x} = \sin\varphi_3$, $n_{3z} = \cos\varphi_3$