```
Exome - Amalítico (2022)
1
    a)
            A = T+R
          A = (25,3 \pm 0,2) + (10,0 \pm 0,1) = 35,3 \pm 0,3 \text{ cm}
    6)
           D = T-5
          D=(25,3 ±0,2)-(5,0 ±0,2) = 20,3 ±0,4 cm
     c)
     M = \frac{25,3}{10,0} = 2,53
Sem o erro \sqrt{2}
ono-ciado
                Sem or error erroriodor \frac{DR}{R} = \frac{DR}{R} = \frac{0.2}{25.3} + \frac{0.1}{10.0}
                                                     (=) <u>A</u> = 0,01791
                                        one overdende (=) D r = 0,0453
        Logo: n = 2,53 ± 0,05 m
2
                                              1 21 = 3 cm
                                                                             30^\circ = \frac{\pi}{6} rad
                                              \vec{\alpha} = (x_A, y_A, 0)
                                       \cos\left(\frac{\pi}{6}\right) = \kappa_A = \frac{3\sqrt{3}}{\|\vec{a}\|}
                                          \sin\left(\frac{\pi}{6}\right) = y_A = \frac{3}{2}
         \vec{a} = \left( \frac{3\sqrt{3}}{2}, \frac{3}{2}, 0 \right)
    b)
         b = (1,0,-1)
         a \cdot b = 3\sqrt{2} + 0 + 0 = 3\sqrt{3}
       \|\vec{a}\| = 3
       || B || = \ \ | 2 + |2 | = \ \ Z |
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