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Ticha de trabalho 5
 1) a)
          \pi(t)=(3 \text{ sem } t^2, 3 \cos t^2), t \in [0, \sqrt{2\pi}]
        n'(t) = (6t cost2, -6t semt2)
      || n'|t)||= \( (6t cos t2)^2 + (-6t mm t2)2
   11 n' (t) 11 = (6t (0) t') + (6t sem t2)
           11 n' 1+) 11 = 6t c.g.m
  b) | 6t dt = 3t<sup>2</sup> | 3(J2n<sup>2</sup>)
  3(\sqrt{\pi})^2 - 3x0^2 = 6\pi
                 = 311
C) V(s) = \left[ 3 \times m \left( \frac{\Delta}{3} \right) + 3 \cos \left( \frac{\Delta}{3} \right) \right]
  V'(s) = \left(\frac{1}{3}xx \cos\left(\frac{\Lambda}{3}\right), -\frac{1}{3}xx \sin\left(\frac{\Lambda}{3}\right)\right)
  V'(S) = (co) (A), nm (A)
11 y'(s)11 = J((os(\frac{5}{3}))2 + |-xm(\frac{0}{3}))2
|| y' (S) || = 1
 C.q.m
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