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calculo 2, stempt vol 2, ed 8, up 10.4
 \frac{1}{A = \int_{0}^{\frac{\pi}{4}} \frac{1}{2} \cdot (\theta^{2})^{2} d\theta = \frac{1}{2} \cdot \int_{0}^{\frac{\pi}{4}} \theta^{4} d\theta = \frac{1}{2} \cdot \left(\frac{\theta^{5}}{5}\right)^{\frac{\pi}{4}}
  = 1 \cdot ((T_4)^5) = 1 \cdot ((T_0^5)^5) = 1 \cdot ((T_0^
    3 Y = sen 0 + cos 0 p < 0 < 1
    A = \int_{0}^{\pi} \frac{1}{2} \cdot (nan \theta + con \theta)^{2} d\theta
        = 1/2 So (send + 2 sen & cor O + (cor O) do
      (1) Spen 012 do = 5/2 do -5/2.con 20 dd u= 20 du= 2 do
                      = \theta - 20020 + c
      = 2 Sudu = 2 u2 = sen20 +c
     Jun2 θ do = 51/2 do + 51/2 on 20 da
    = 0 + pen 20 + c
 =\frac{1}{2}\left(\frac{\partial-\operatorname{sen}(2)+\operatorname{sen}(2)}{2}+\operatorname{sen}(2)+\operatorname{sen}(2)\right)^{\top}=\frac{1}{2}\left(\frac{\partial+\operatorname{sen}(2)}{2}+\frac{\partial+\operatorname{sen}(2)}{2}\right)^{\top}
    =\frac{1}{2}(T+O^2)=T/2
 5 r^2 = \text{pen } 2\theta  r = \sqrt{\text{pen } 2\theta}

V = \int_0^{T/2} V_2 \cdot (\sqrt{\text{pen } 2\theta})^2 d\theta = \frac{1}{2} \int_0^{T/2} \text{pen } 2\theta d\theta = \frac{1}{2} \cdot (-\frac{1}{2} \times 1) \int_0^{T/2} d\theta
   = \left| \frac{1 - \cos (2x)}{4} \right|^{\frac{\pi}{2}} = \left| \frac{1 + 1}{4} \right| = \frac{1}{2}
\frac{7}{100} = \frac{1}{100} = \frac{1}
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