torsdag 22 december 2022 20:19

$$y = \sin x + 1 \cos x$$

$$V = \int_{0}^{\pi/2} T \left(\sin x + 2 \cos x \right)^{2} dx = \int_{0}^{\pi/2} T \left(\sin^{2}x + 2 \sin^{2}x + 4 \cos^{2}x \right) dx = \int_{0}^{\pi/2} T \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx = \int_{0}^{\pi/2} \left(1 + 2 \sin^{2}x + 3 \cos^{2}x \right) dx$$