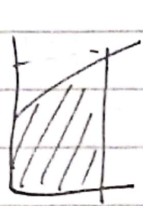


No.

Date

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$$\int_0^1 \int_0^{\frac{\pi}{2}} f(x, y) dx dy$$
$$\int_0^{\frac{\pi}{2}} \int_0^{\sec \theta} f(r, \theta) dr d\theta$$

$$x=1 \rightarrow r \cos \theta = 1 \rightarrow r = \sec \theta$$

$$\theta=0 \rightarrow \theta = \frac{\pi}{2}$$
$$\int_0^{\frac{\pi}{2}} \int_0^{\sec \theta} f(r, \theta) dr d\theta$$