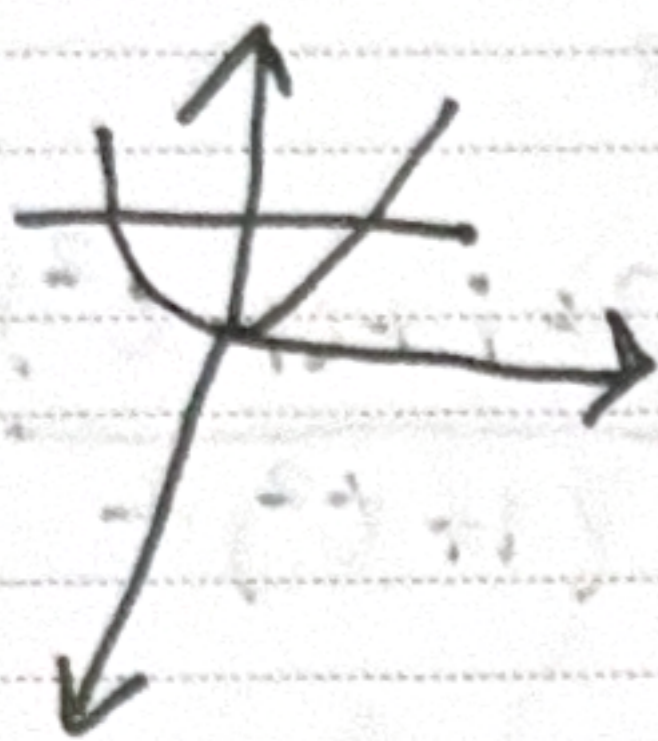


Subject: Session 75

Year. Month. Date. ()



$$\int_0^{2\pi} \int_0^1 r^3 dr d\theta$$

$$= \int_0^{2\pi} \left[\frac{r^4}{4} \right]_0^1 d\theta$$

$$= \int_0^{2\pi} \frac{1}{4} d\theta = \frac{2\pi}{4} = \frac{\pi}{2}$$