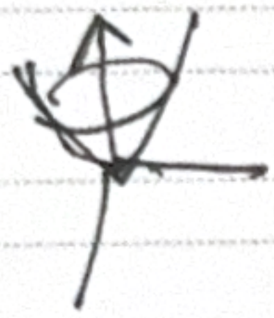
Subject: session 83

Year. Month. Date. ( )

$$\langle -2x, -2y, 1 \rangle \cdot \langle x, y, 1-x^2-y^2 \rangle$$

$$\Rightarrow \int_0^{2\pi} \int_0^1 (4r^2 - 1) r \, dr \, d\theta$$



$$= \pi$$