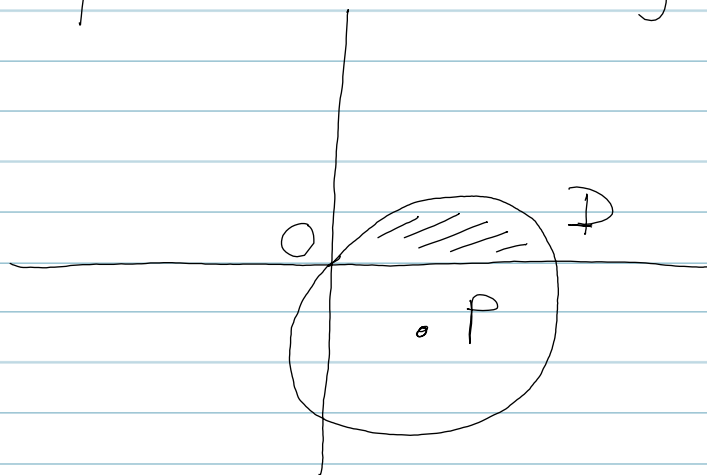


Excerpt from an exam
Answer by just saying "correct"
or "incorrect" without giving a
justification.

We plot the circle of the figure



P = center of the circle

O = origin of the coordinates

A student ~~s~~ wants to compute

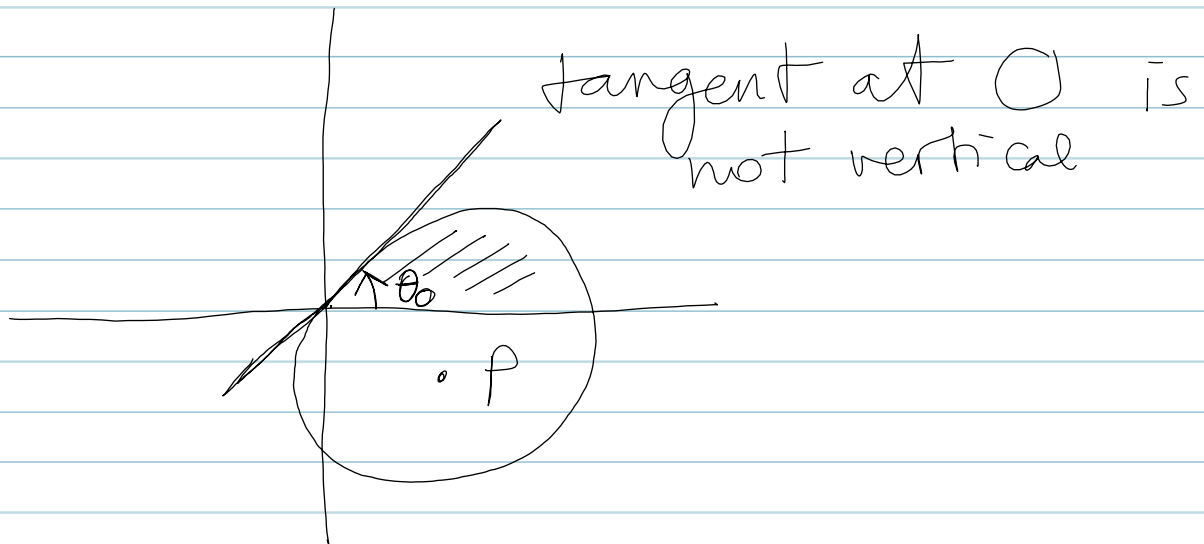
$\iint_D x^2 + y^2 dx dy$ using a change to

polar coordinates. ~~They~~ He starts

by finding the interval for θ

and find $\theta = [0, \frac{\pi}{2}]$, correct or ?
incorrect?

Answer : incorrect



θ starts from O
 θ_{\max} is θ_0 not $\pi/2$

