The system of the section is
$$(4x+2)$$
 dy $(4x+2)$ dy

of intersection of these two conver. To find them equals both eq. y = x2 & y = 2x =) $\chi^2 = 2\pi$ =) x2-2x=0=) x(x-2) =) x=04 x=2 => y=0&y=4 So to change the ander of integration, down strip 1/ to y'n' axis-

There will be points

 $\int_{0}^{2} \int_{x^{2}}^{2x} (4x+2) \, dy \, dx = \int_{0}^{4} \int_{3/2}^{3/2} (4x+2) \, dx \, dy$