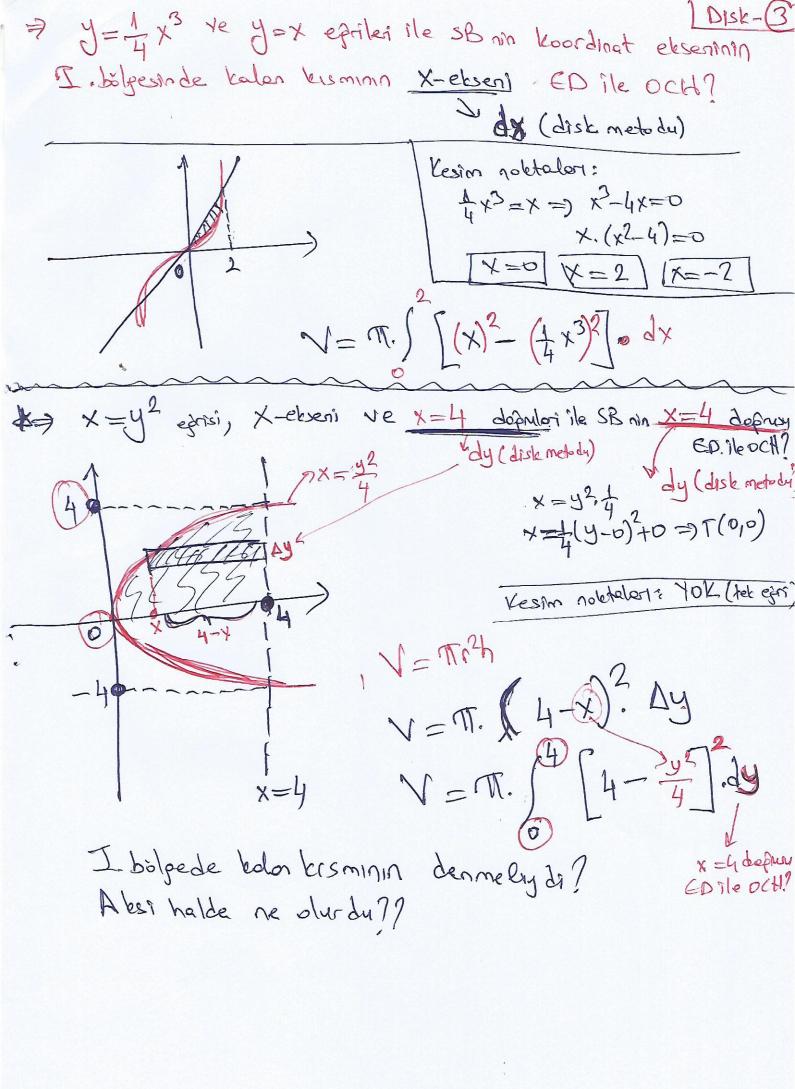


X=2y ve X=12-4y paraboller arounda balan alann X-eksenî ED ile OCH? dx (disk)  $x^2 = 12 - 4y = 3$  4y = 12 - x2  $\begin{array}{c} -2 \\ -2 \\ \end{array}$  $\beta = 3 - \frac{1}{4} \times 2$  $y = -\frac{1}{4}(x-0)^2 + 3$ T(0,3) Vesim notatolar:  $\frac{x^2}{9} - \frac{x^2}{4}$  $V = \pi. \int_{-2}^{2} \left[ (3 - \frac{x^2}{4})^2 - (x^2)^2 \right], dx$ 2x2=12-x7 3x2=12=) x2=4 / += F2 =)  $y = \frac{x^2}{2} + 2$  ve  $y = x + \frac{1}{2}$  epriler ve x = 0, x = 2 depriler ile SB nn x = even i ED ile OCH? I de (disk metadu). x-eksenini kestifi nobboler: 7=01010 X2+2=0=) X==4  $y = \frac{x^2}{2} + 2 = \frac{1}{2} (x - 0)^2 + 2 = T(0, 2) = 0$ x-elesenth kesmet Kesim Nobbalari:  $\frac{\chi^2}{2} + 2 = \chi + \frac{1}{2} \Rightarrow \frac{\chi^2 + 4}{2} = \frac{2\chi + 4}{2} \Rightarrow \chi^2 = 2\chi + 3 = 0$ The Nobbalari:  $\frac{\chi^2}{2} + 2 = \chi + \frac{1}{2} \Rightarrow \frac{\chi^2 + 4}{2} \Rightarrow \frac{\chi^2 + 4}{2}$ y=x+2 i 9in x=0 = y=== 7=0= x=-3  $\sqrt{=\pi}\int \left(\frac{\chi^2}{2}+2\right)^2 - \left(\chi+\frac{1}{2}\right)^2.$ istheriefn (x-elsenine pore)



\* X= 4 egrisi, X=4 ve y=1 depulor île SB nin Koordhat elsenhee I. bölgede kalen kuminin ED ile OCH? dx=Ax (dist)  $\begin{cases} x = y^{2} = 4x \\ y = 721x \end{cases}$  $\vec{V} = \pi. \int_{-1}^{4} \left[ (y-1)^{2} \right] \cdot dx$  $V = \pi. \left[ (2\pi - 1)^2 \right] . dx$ 

=> X = yx ve x=2 deprise île SB nin I. bölgede kalan Kisminin; X-ekseni ED île OCH? / disk metodu l'île GÖRGNIR. X=2 deprove ED île OCH? y=4 doprisy ED île och? 7 y=+ 18x x=214in (x= 42)=> y=74 a) disk metodu=) x-eloeni ED ile OCH? V=17.52 (18x1)2027.dx X=2 dopnisu ED ile OCH? Vdy (disk) J=-18x V=17. [2-x]? dy V=15 2- 427.dy 1 J=+187 c) \* y=4 doorse ED ile C Jax (disk)  $4-y = \sqrt{3} \cdot dx = \sqrt{3} \cdot \left[4-\sqrt{8x}\right] \cdot dx$ \* elevenine pore

