Januar Janes OMICOCOHI DP Nº10 Ducz Пресметнете бъема на тялото зододено от неравенствата:  $2 \le x^2 + y^2$ ,  $0 \le x \le y \le 2$ ,  $0 \le 2 (1 + x^2 + y^2)^2 \le 1$ => V(x)= \$\int\_{D(1+x^2+y^2)}^2 dxdy, \text{Vogeso} D: |\text{x}^2 + y^2 \ge 0 \\ 0 \in x \in y \le 2 Thousand Torapha cuerra X=8 cos 8 g=8-sing KUTOTK9 52TT D': 18<sup>2</sup>32 105900081585in 152 1059627 p20 E) 650 y 7-6 668552 Sinf 2 cosf, cosf20 89inf 52 05952+ =) D' 0 = 8 = 52 35 in 8 = 2 

 $\frac{1}{4} \frac{g}{g} \left( \frac{9}{1+9^{2}} \right)^{2} = \frac{1}{8} \frac{9}{9} \frac{9}{(1+9^{2})^{2}} - \frac{1}{8} \frac{9}{(1+9^{2})^{2}} = \frac{1}{8} \left( \frac{1}{1+9^{2}} \right)^{2} = \frac{1}{8} \frac{9}{3} = \frac{11}{12}$ spree)