UNIVERSIDAD DE SAN CARLOS DE GUATEMALA FACULTAD DE INGENIERÍA ESCUELA DE CIENCIAS DEPARTAMENTO DE MATEMÁTICA MATEMÁTICA INTERMEDIA 2



TAREA No. <u>#2</u>

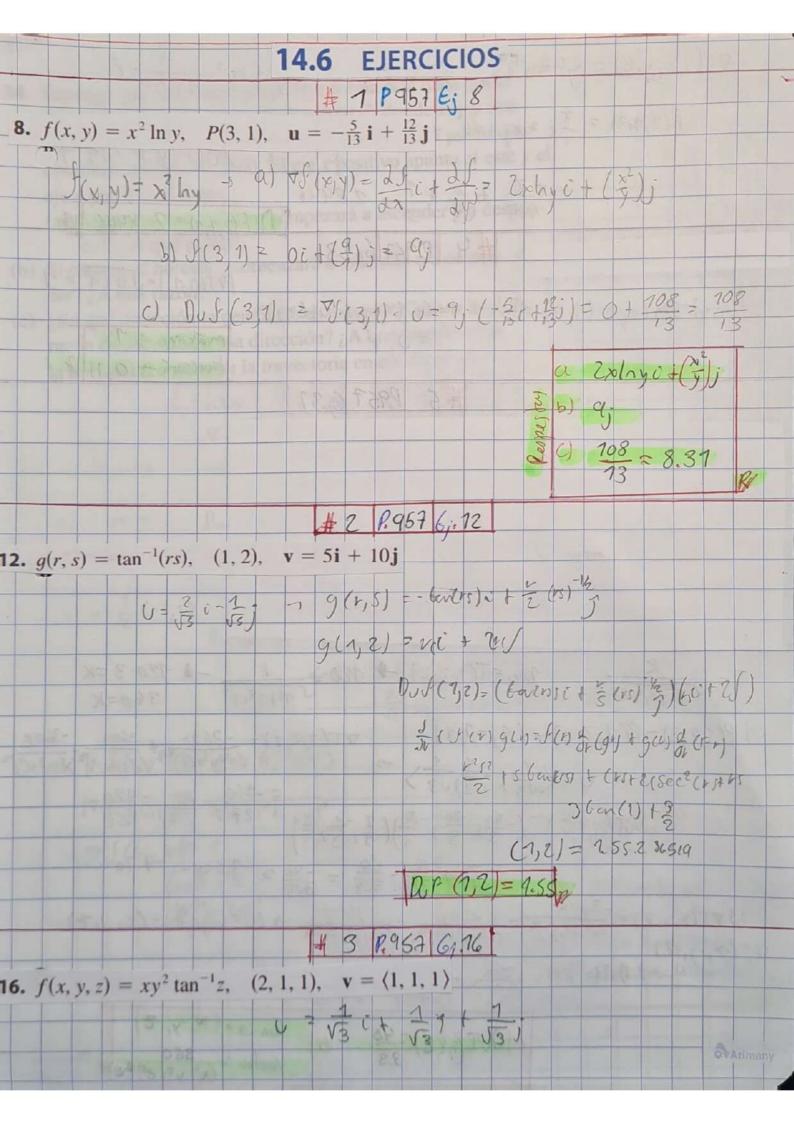
DESCRIPCIÓN DE CALIFICACIÓN		CALIFICACIÓN
Presentación		
Ejercicios resueltos		
Ejercicio calificado 1	#	
Ejercicio calificado 2	#	
CALIFICACIÓN TOTAL		

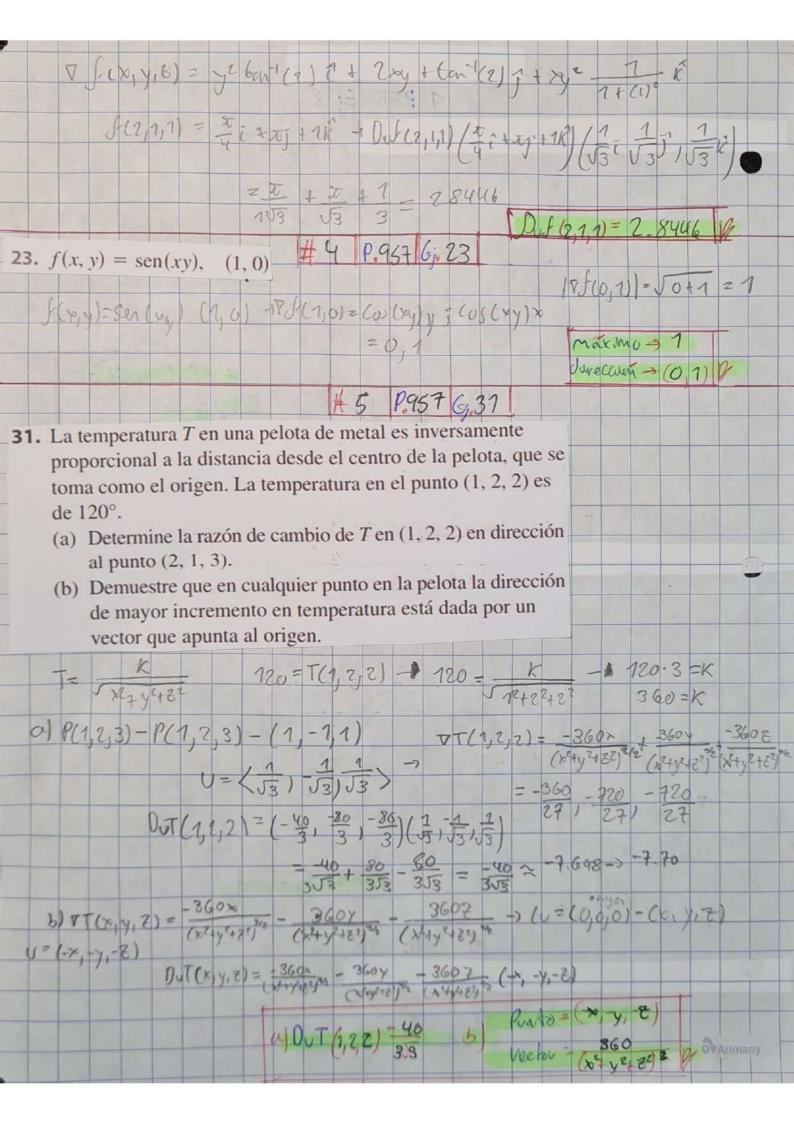
Nombre: JAVIER ANDRÉS MONJES SOLÓRZANO

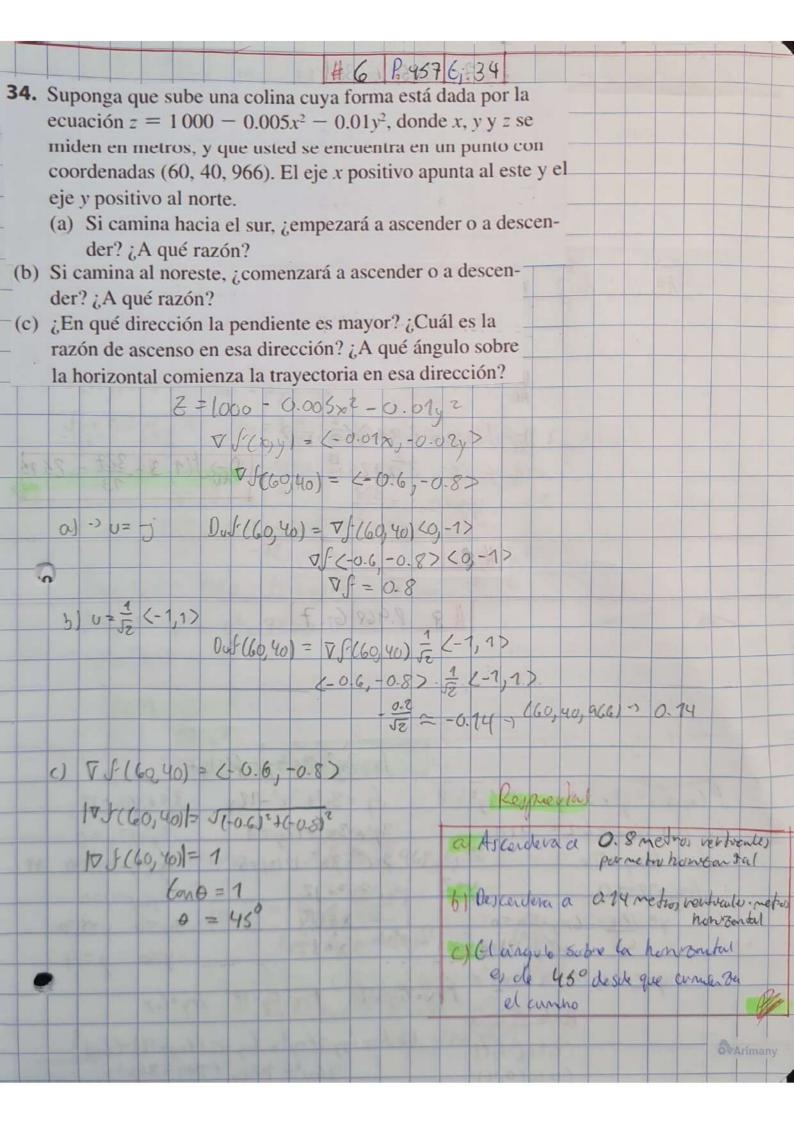
Carné:202100081

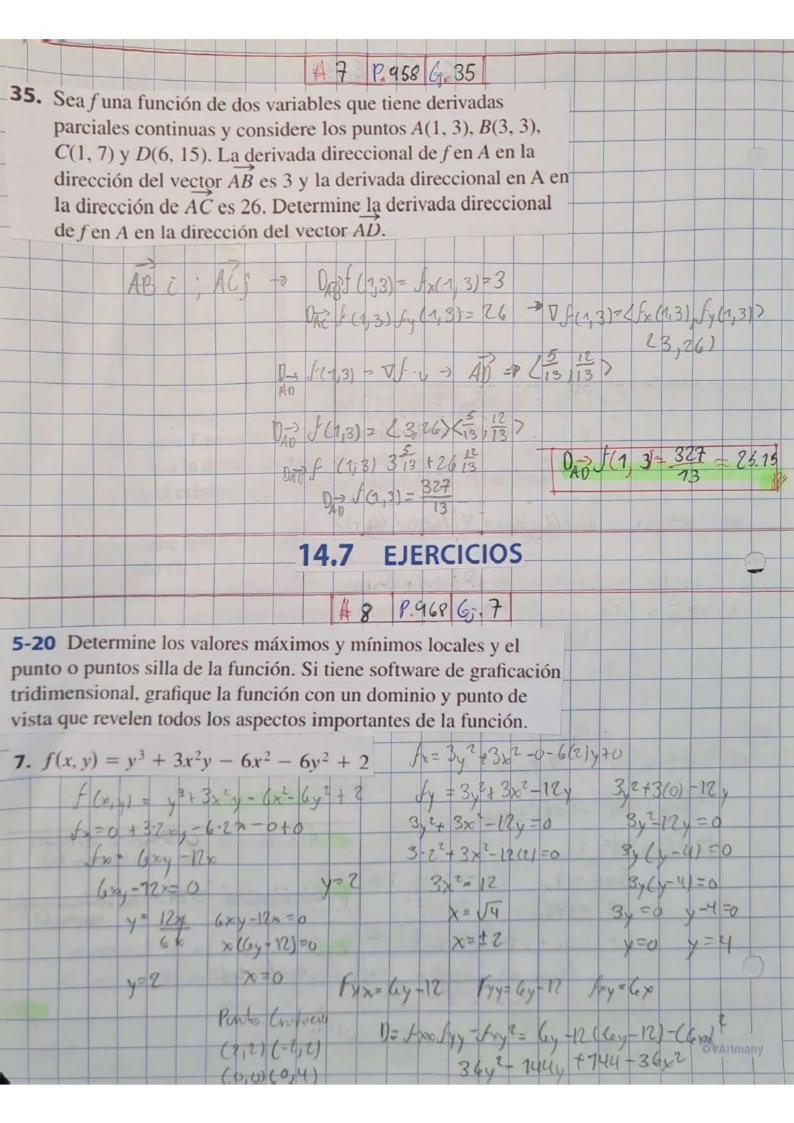
Profesor: Ingeniero Benjamín Piedrasanta

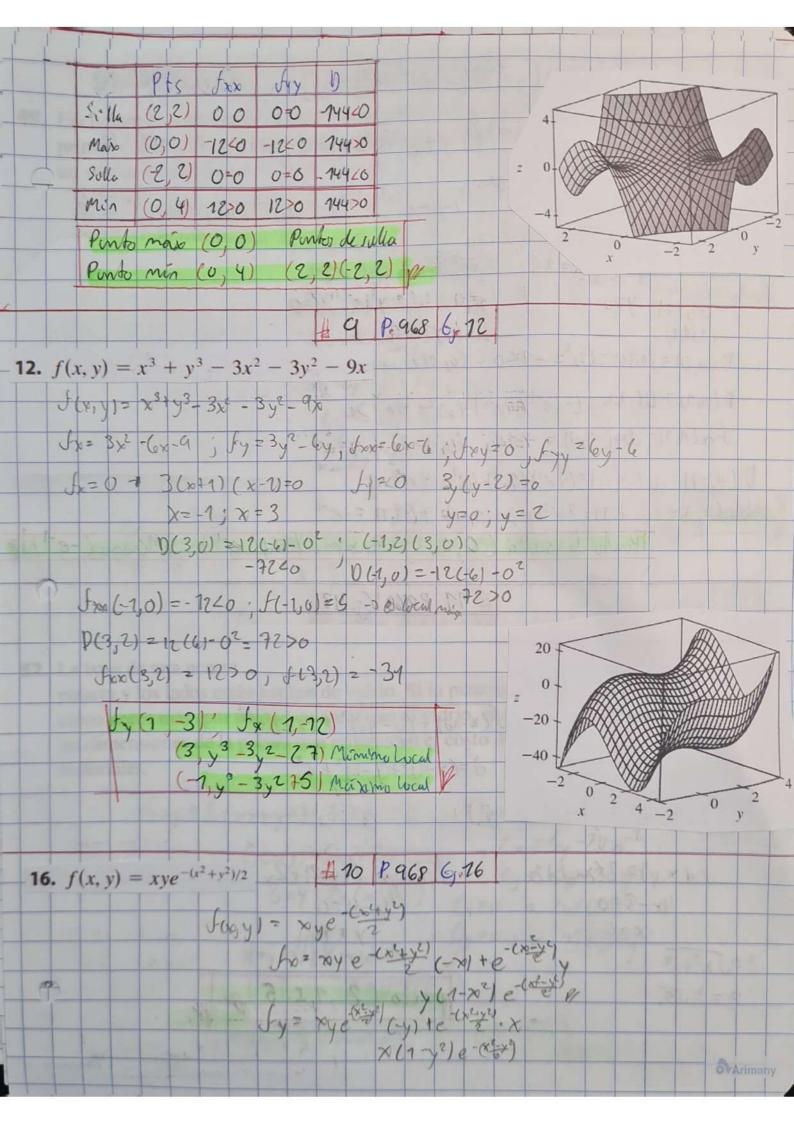
Fecha: <u>22</u> / <u>12</u> / 2022

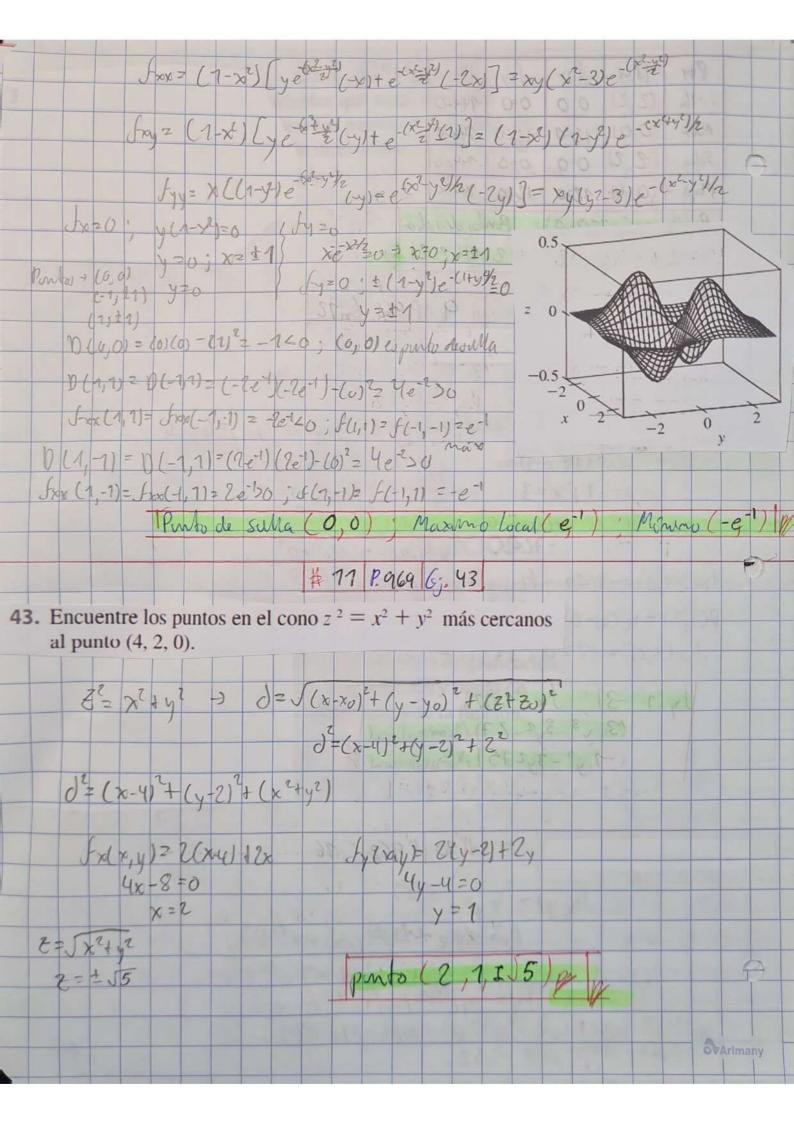


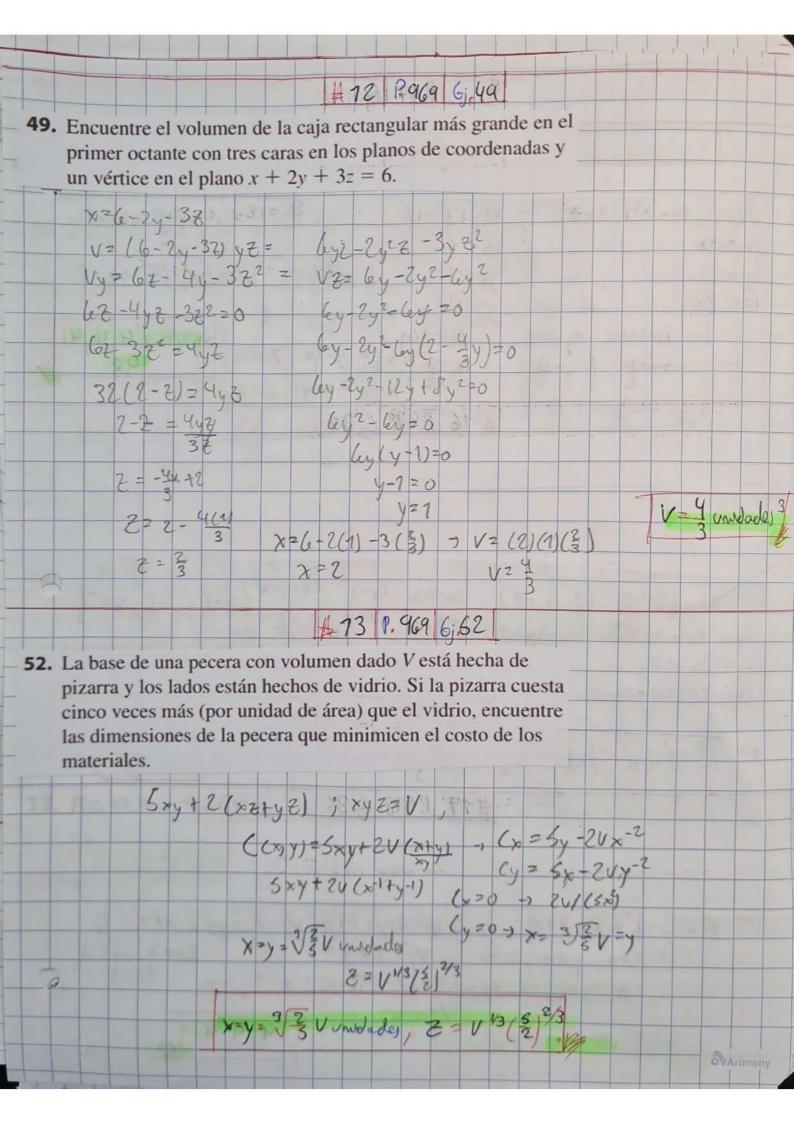


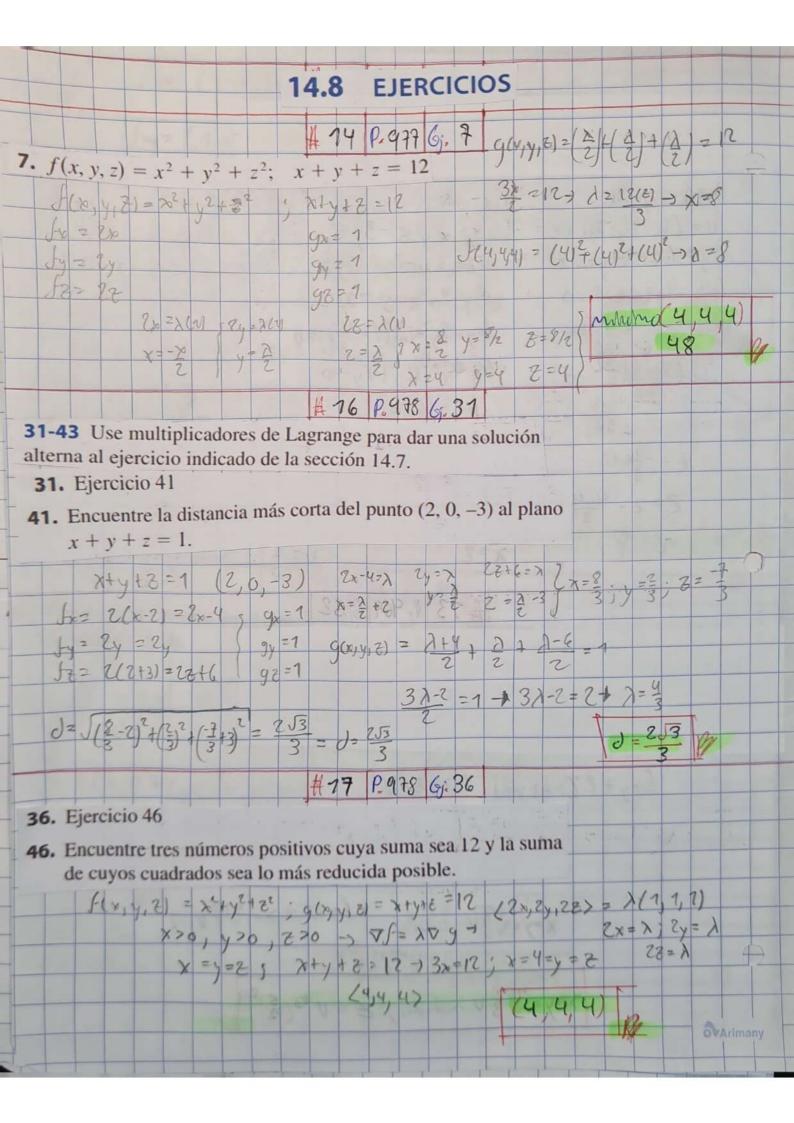


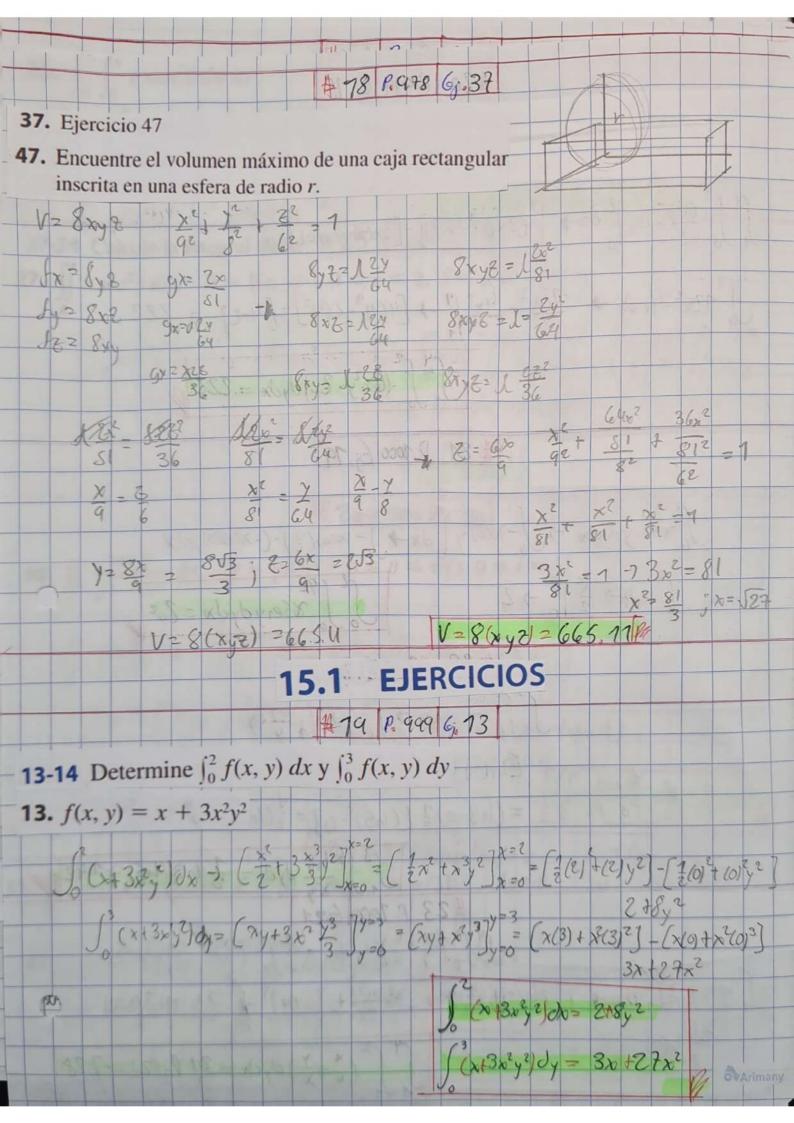


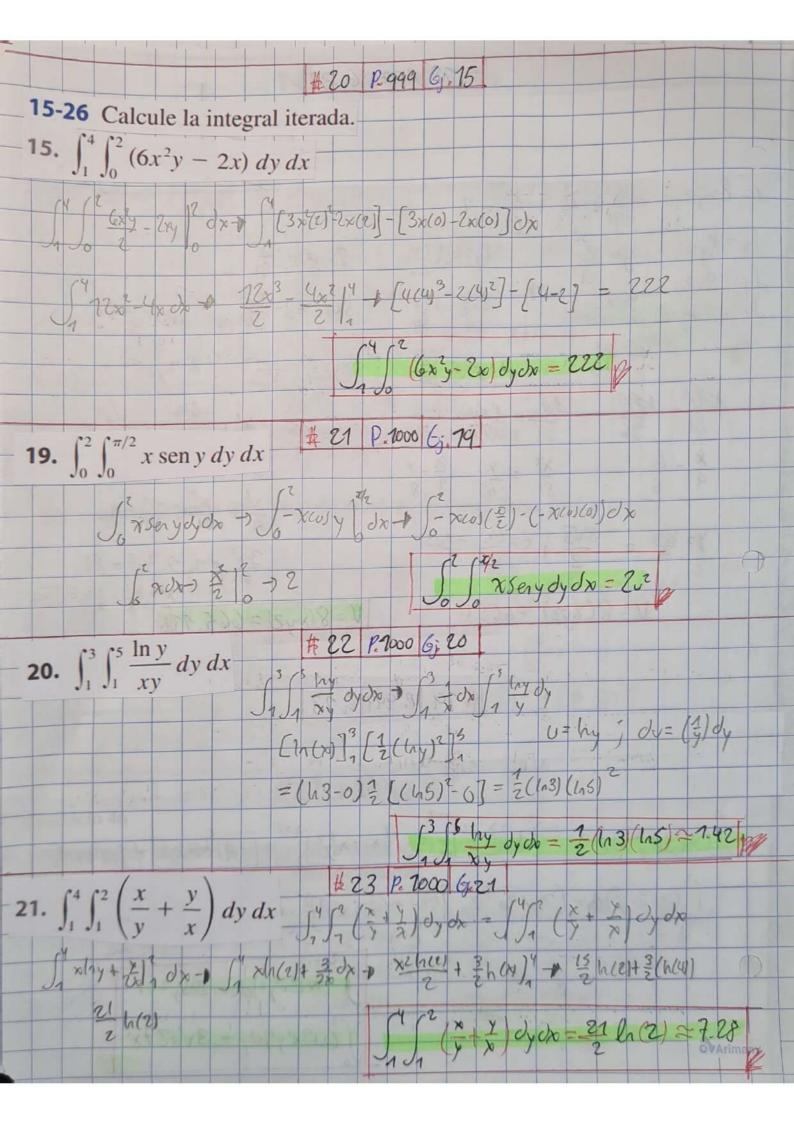


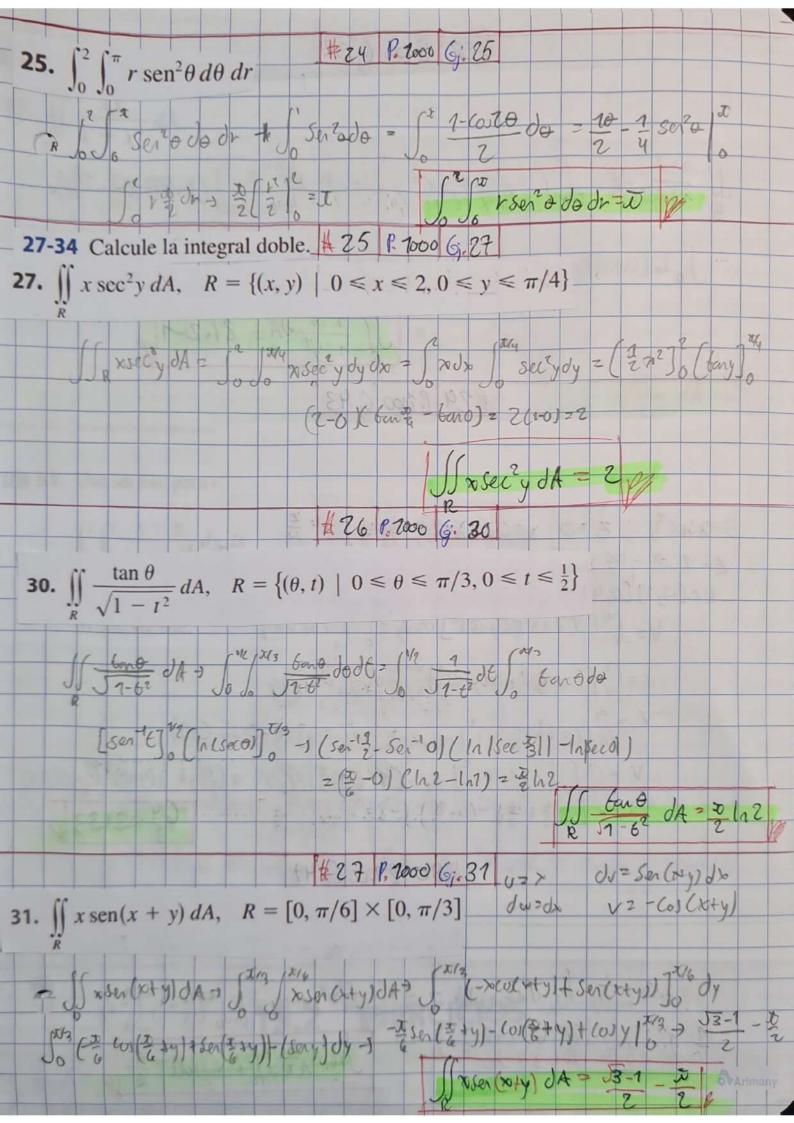


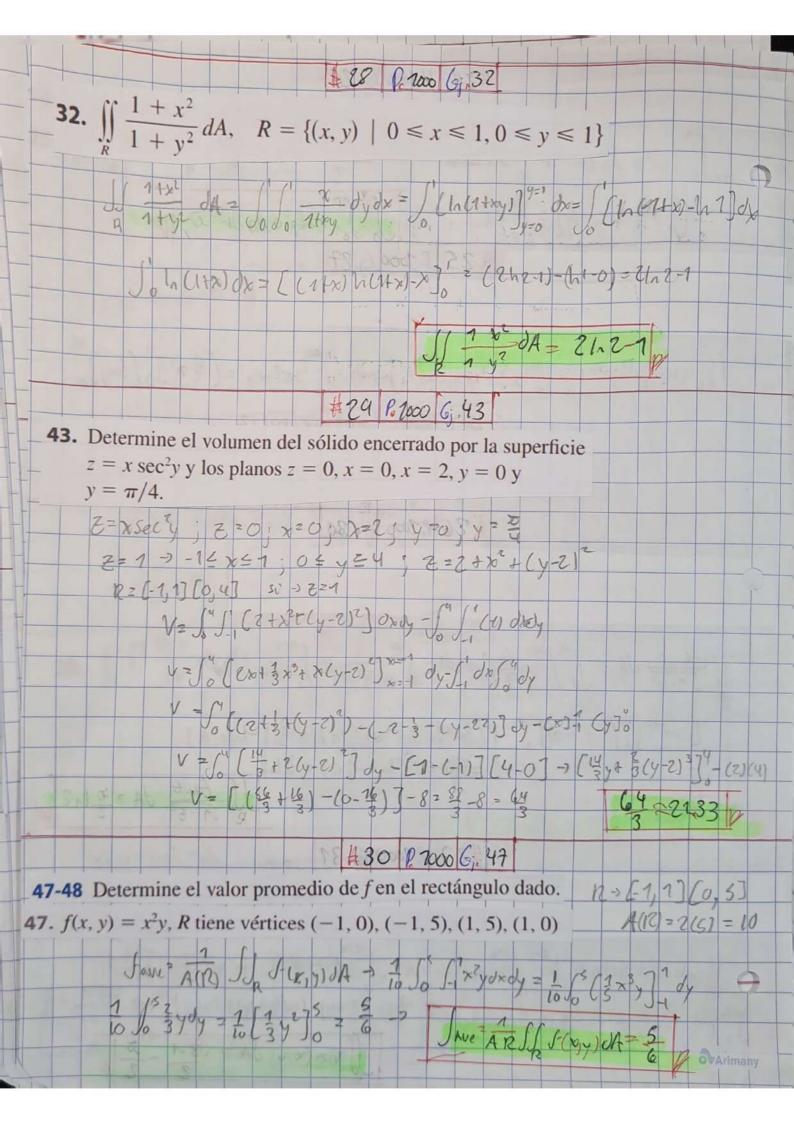


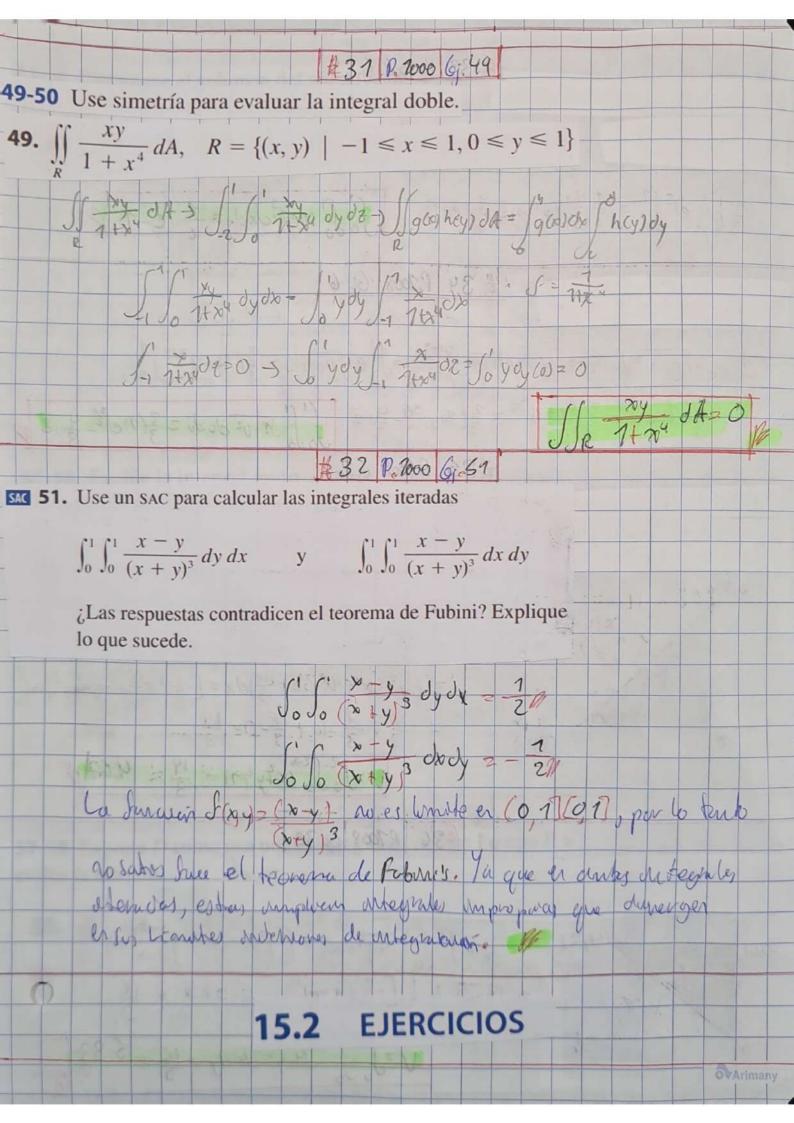


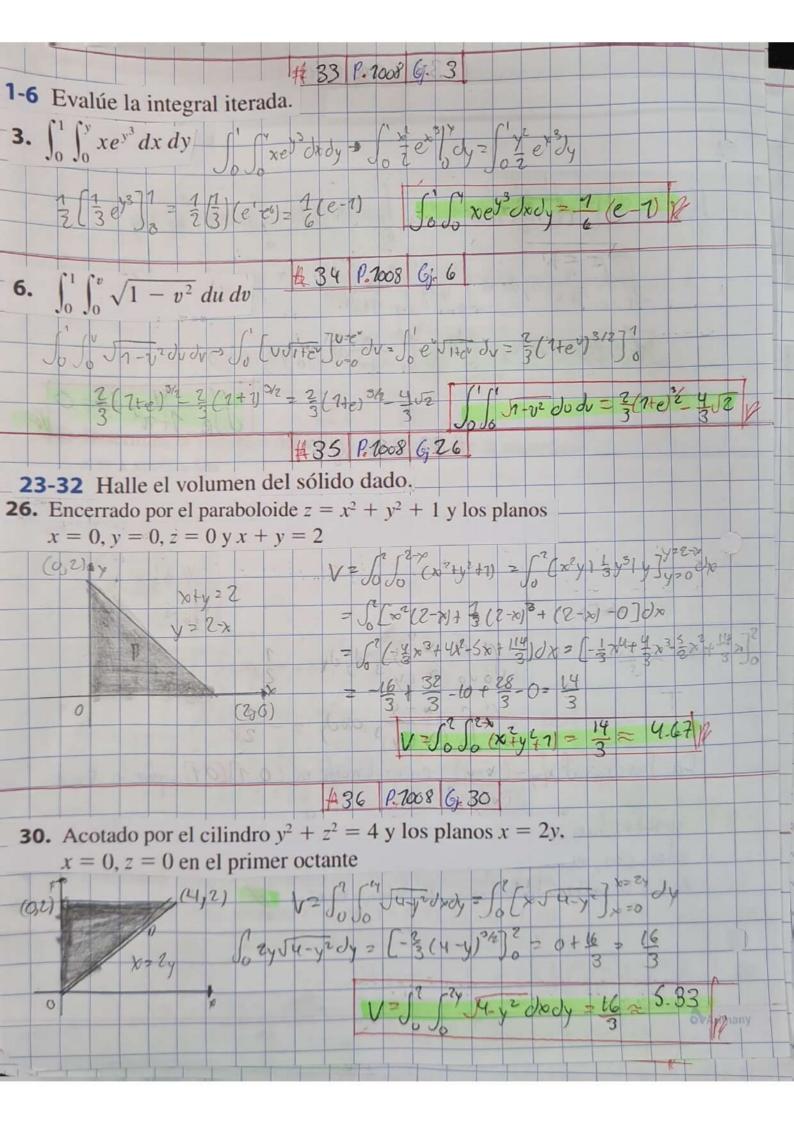


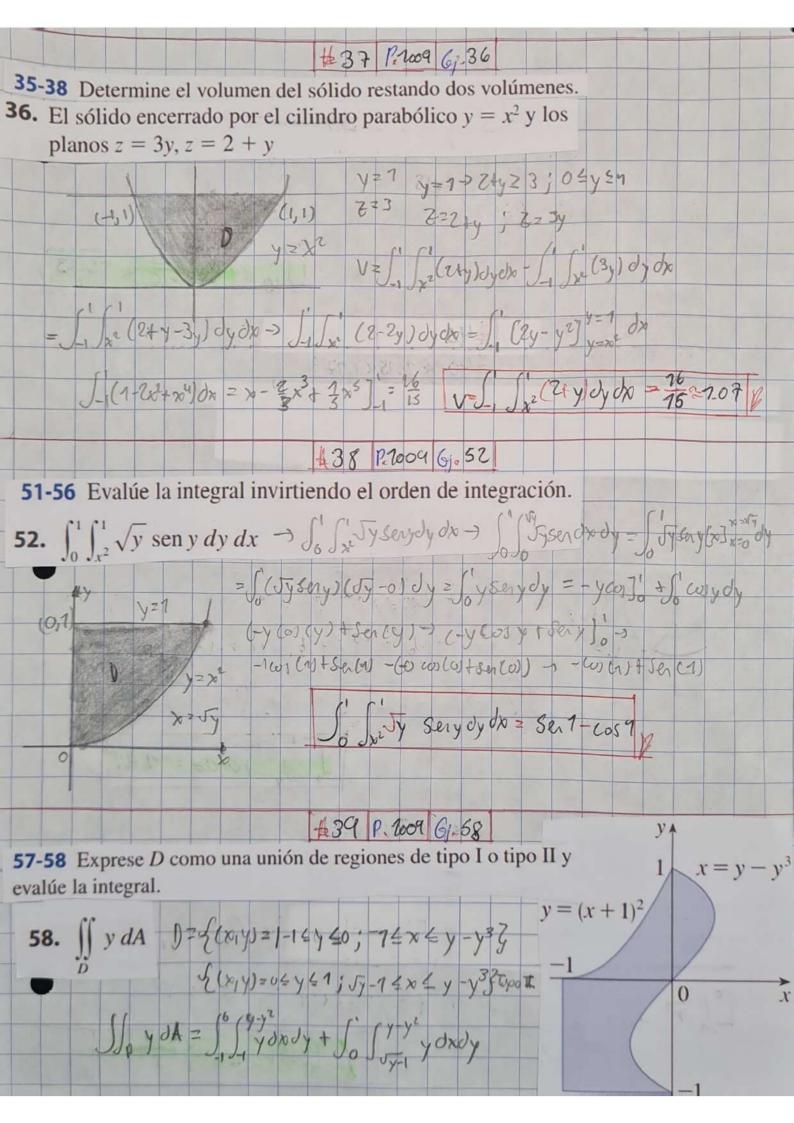


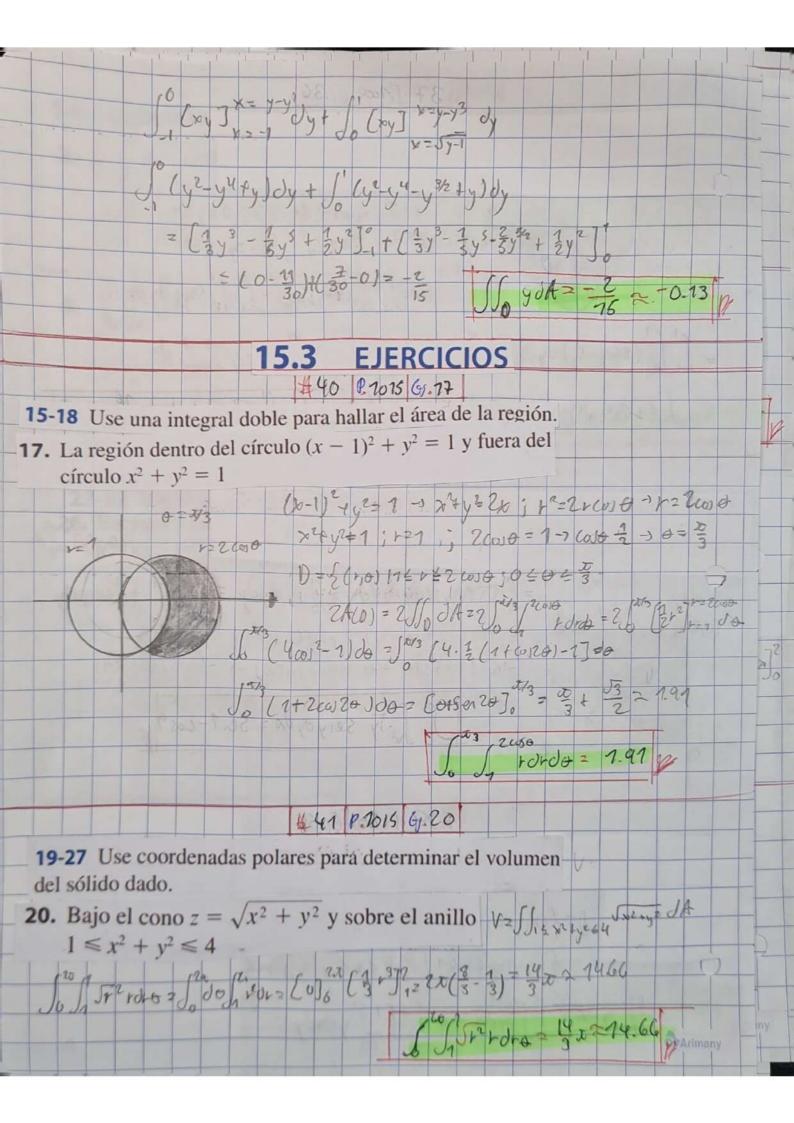


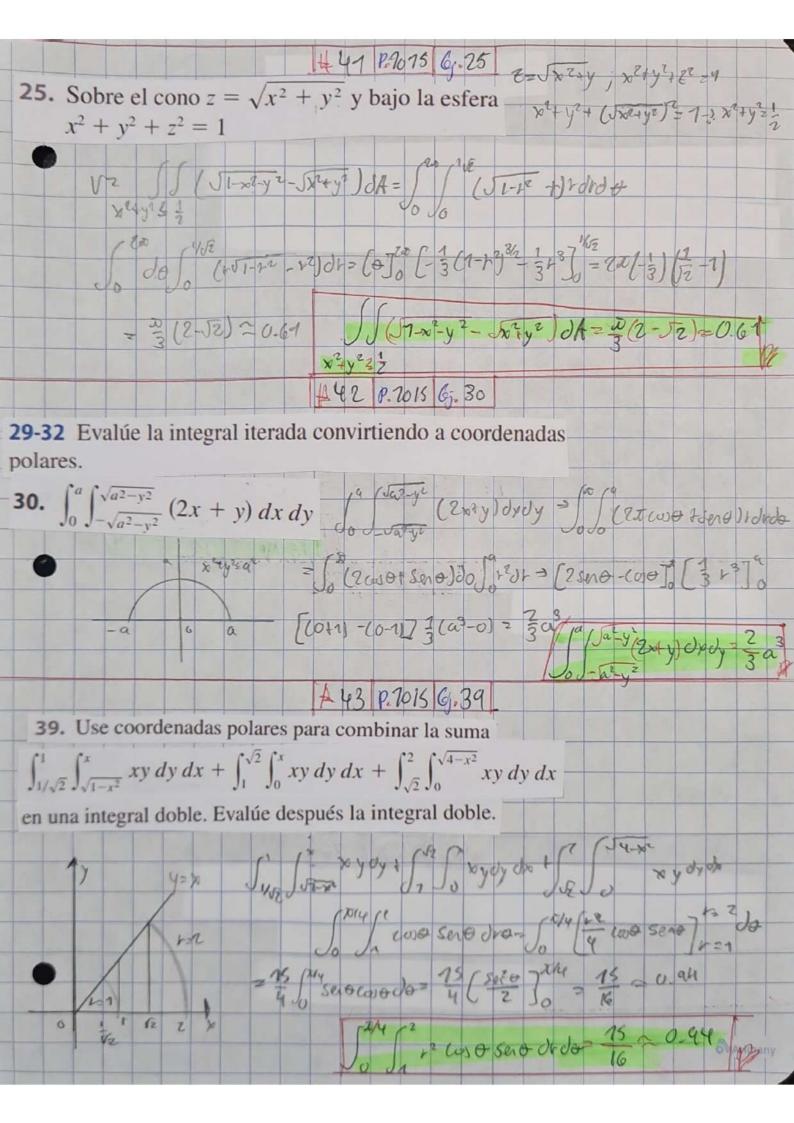












15.6 EJERCICIOS A44 P. 2038 6; 21 19-22 Use una integral triple para hallar el volumen del sólido dado. **21.** El sólido encerrado por el cilindro $y = x^2$ y los planos z = 0yy + z = 1y=x' , y+z=1) y=1 E=5x+y,z, 1-16 x 61/x2 y 61,06261-y8 V2 JSJe dr = file fo dedy de file C1-poyolo J-1(y-をリリッキンの)=」(まからをかりの) (2x-3x+ 10x5] = 1-3+2-3+10= 2 W60V = 8 = 0.44/ #45 P. 7038 61.28 **28.** $\int_{0}^{2} \int_{0}^{2-y} \int_{0}^{4-y^{2}} dx \, dz \, dy$ $x = 4 - v^2$ Verginhou 446 p. 2038 6:36 35-36 Escriba otras cinco integrales iteradas iguales a la integral iterada dada. **36.** $\int_{0}^{1} \int_{0}^{1} f(x, y, z) dx dz dy$ 15.7 EJERCICIOS