22.06.2018	
Fra Evaluate ((/1) inv-v)dydy where	Exam
[Ex] Evaluate $\iint_A \left(\frac{1}{2} \operatorname{sim} x - y\right) dx dy$ , where	Amodiza 2
$A = \{(x,y) \mid 0 \le x \le \frac{1}{2}, \frac{2}{11}x \le y \le x \text{ in } x \}$	Exam Amoliza 2 This Tiberio MiE
(Ex2) Evaluate $\iiint \frac{e^{-(x^2+y^2+z^2)}}{\sqrt{x^2+y^2+z^2}} dxdydz$ ,	where
A={(x,y,z)  4 <x2+y2+22<9, 2="" x,y,="">0}</x2+y2+22<9,>	
2p [Ex3] Let 8 be the simple parametrized path whose image in $J(8) = d(x,y,z)   z = \sqrt{x^2 + y^2}, x + 2z = 1, x,y > 0$	
in J(8)=d(x,y,2) Z=Ux2+y2, x+22=	1, x,y>0
a) Find a parametrization of 8 wring	
b) Compute for dz using the parame	■ 10 (2007) 12 (2007)
38 (1) Let ASIR? open set, let Q: A->IR	be a fct. of class
c1 on A and let o be a subset of A which is	
simple to Ox axis.	
a) Define the boundary ab of b or	iented in positive seme
b) Prove of Q(x,y)dy = $\iint \frac{\partial Q}{\partial x}(x,y)dx$	dy