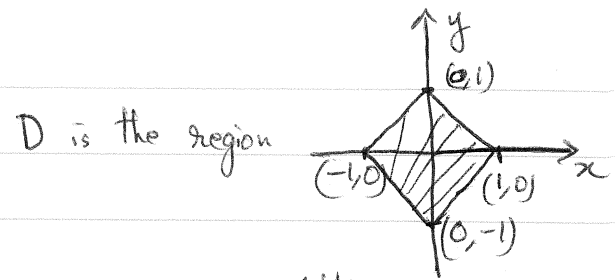
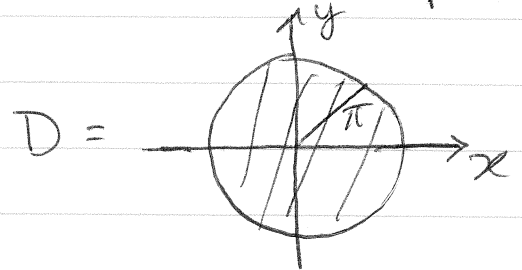


$$1) \iint_D \frac{e^{\frac{x+y}{x-y}}}{(x-y)^3} dx dy$$

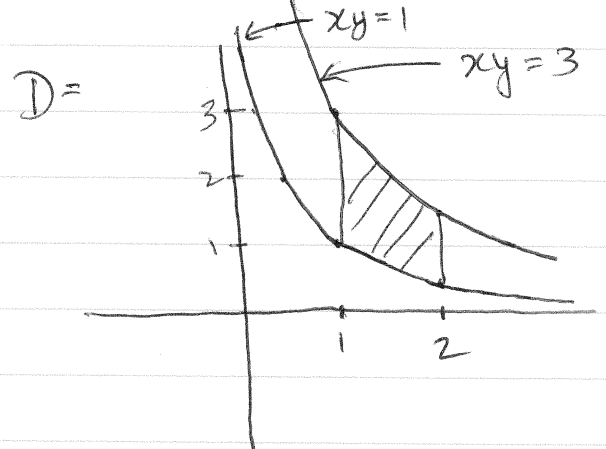


$$2) \iint_D \sin(x^2+y^2) dx dy$$



Circle of radius π & center $(0,0)$.

$$3) \iint_D (xy+1)^{50} dx dy$$



$$4) \int_1^2 \int_1^2 \frac{(2x-3y)^3}{(3x+y)^2} dx dy$$

$$5) \iiint_D \left(\frac{x+y+z}{2x+y} + \sin(\pi y + \pi z) \right) dx dy dz$$

where D is bounded by the planes $x=1$, $x=2$, $y+z=0$, $y+z=1$, $z=0$ and $z=2$

$$6) \iiint_D (x+y+z) e^{x^2-y^2} dx dy dz$$

where D is bounded by planes $x+y=1$, $x+y=-1$, $x-y=1$, $x-y=-1$, $z=0$ and $z=1$