

$$f(x,y) = \int xy \quad a! \quad (1,u)$$

$$f_{(1,u)} = \int x \cdot (x,y) = 1 \quad (1,u) = 1$$

$$f_{(1,u)} = \int (x,y) = 1 \quad (1,u) \cdot (x-a) + 1 \quad (1,u) \cdot (y-b)$$

$$f_{(x,y)} = 1 \quad (x-b) + 1 \quad (x-b) \cdot (y-b)$$

$$f_{(x,y)} = f_{(x,y)} = f_{(x,y)}$$

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(19) f is differentiable f(2,5)=6 $f_{\infty}(2,5)=1$ $f_{\infty}(2,5)=-1$ Contains f(2,2,4)

n depends on
$$x,y$$

$$du = \frac{1}{5x} dx + \frac{3}{5y} dy = \frac{1}{5x^2 + 3y^2}$$

$$\frac{3}{5x} = \frac{1}{5} (x^2 + 3y^2)^{\frac{1}{5}} (3x) = \frac{3}{5x^2 + 3y^2}$$

$$\frac{3}{5y} = \frac{1}{5} (x^2 + 3y^2)^{\frac{1}{5}} (6y) = \frac{3}{5x^2 + 3y^2}$$

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$$\frac{3}{5y} = \frac{1}{5x^2 + 3y^2} (6y) = \frac{3}{5x^2 + 3y^2} dy$$

$$\frac{3}{5x^2 + 3y^2} = \frac{3}{5x^2 + 3y^2} dy$$

$$\frac{$$

	=13
also use dz =	
	bound for change, 1 alb = 1al+16
1d≥(≤	12x dx + 13y dy
Plane giun 3 points.	
A (0,0,0) 3 (1,2,3)	
The connects A to	
ひこく(12,3)	v = ∠ u, is, 6>
Rad FXV	= normal - use normal + point.
	02+63+C12 A(x-10)+61y-40) 4 C(2-60)~2
. line through post-	to a line.

