

12.6 Surface Area

Parametric Surfaces

Example 1

Find the Surface area of a sphere of radius a .

Surface area of $z = f(x, y)$

Example 2

Find the surface area of the paraboloid $z = x^2 + y^2$ under $z = 4$.

HW # 1, 3, 5, 9, 19, 23, 25