

$int\left(\frac{1}{(1+y^3)}, y\right);$

$$\frac{1}{3} \ln(y+1) - \frac{1}{6} \ln(y^2-y+1) + \frac{1}{3} \sqrt{3} \arctan\left(\frac{1}{3} (2y-1) \sqrt{3}\right)$$

(1)

with(plots) :

implicitplot3d({y=x^2, z=x^2}, x=-3..5, y=0..4, z=0..4, axes=frame);

