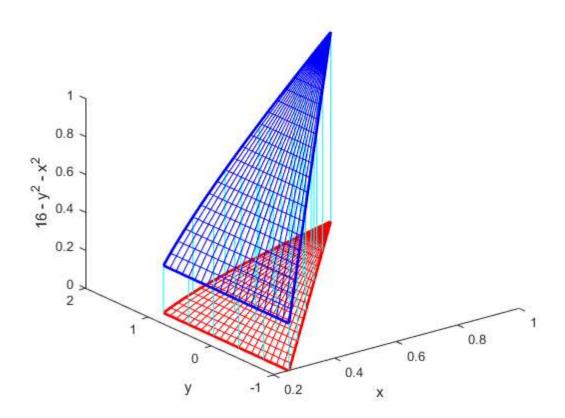```
syms x y z
f=16-x^2-y^2;
I=int (int (f,y,2*(x)^0.5,4*x-2),x,(1/4),1)
viewSolid(f,0+0*x+0*y,x,y,2*(x)^0.5,4*x-2,x,1/4,1)
```

I =

-314999/26880