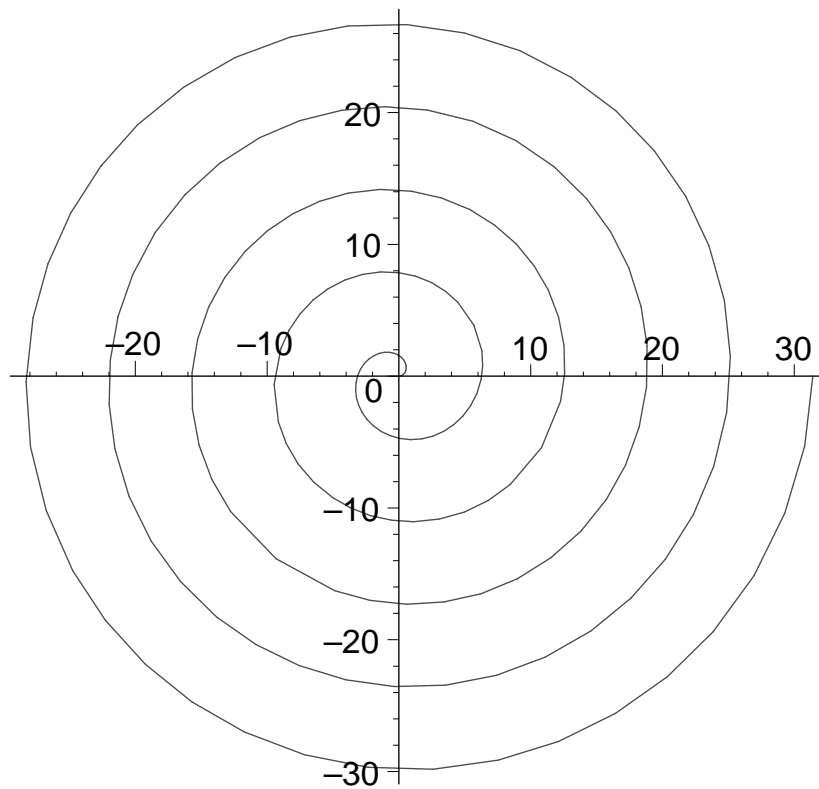


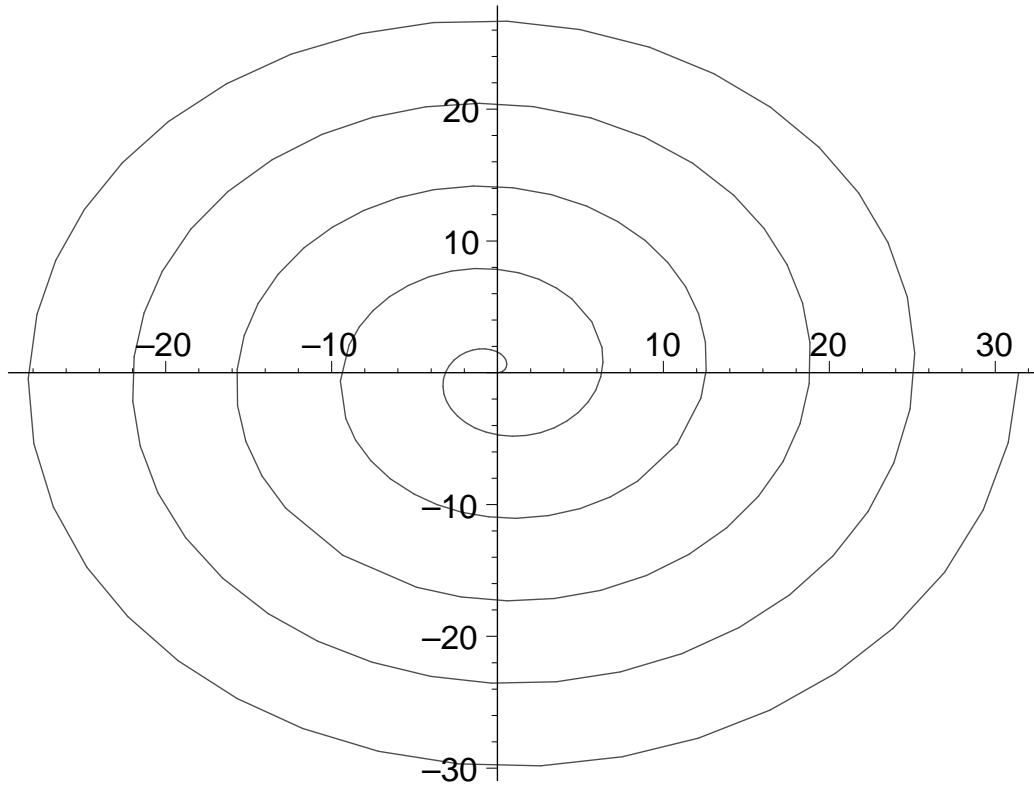
```
> with(plots):
```

Warning, the name changecoords has been redefined

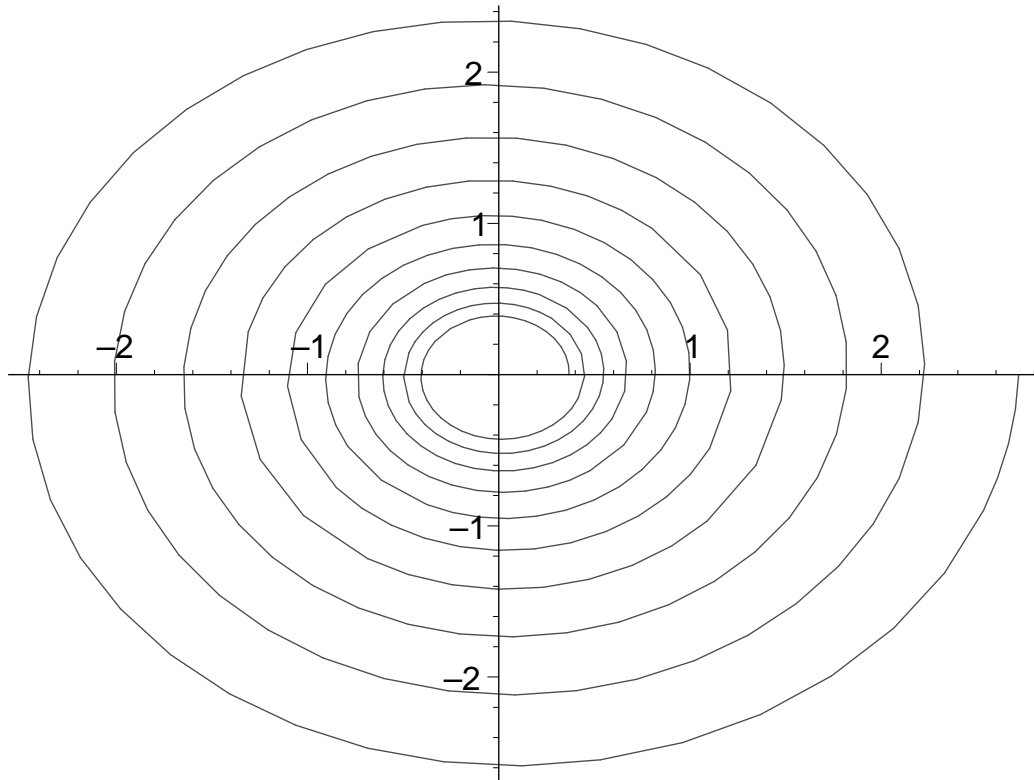
```
> plot([t*cos(t),t*sin(t),t=0..10*Pi],scaling  
=constrained);
```



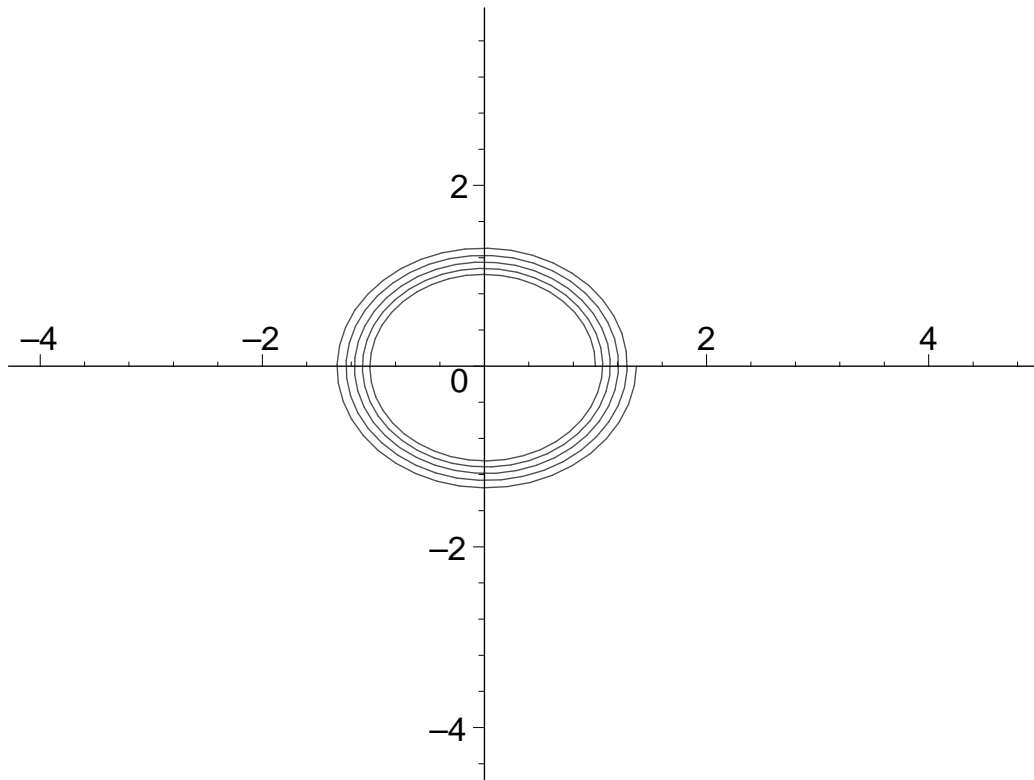
```
> plot([t,t,t=0..10*Pi],coords=polar);
```



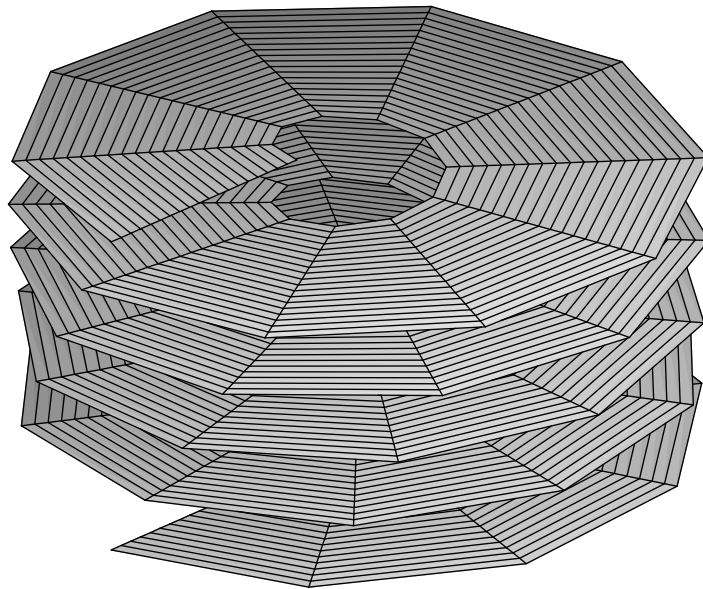
```
> plot([exp(t/(10*Pi)),t,t=-10*Pi..10*Pi],coo  
rds=polar);
```



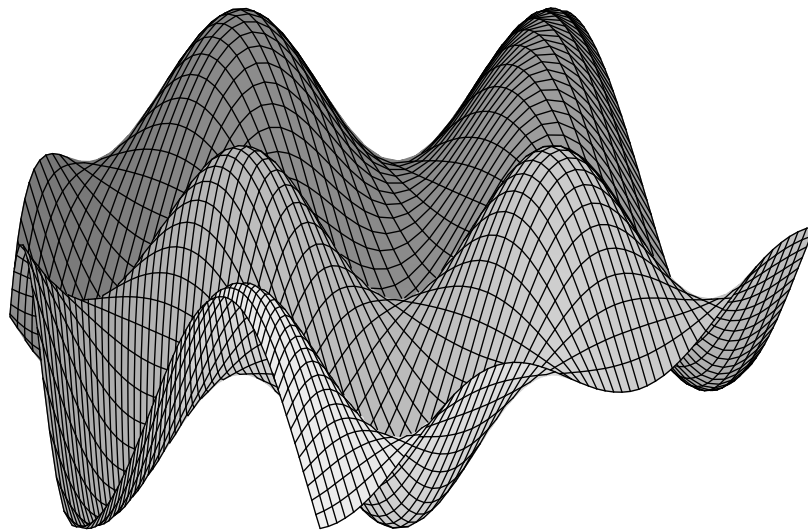
```
> animate([exp(c*t)*cos(t),exp(c*t)*sin(t),t=
0..10*Pi],c=0.01..0.05,numpoints=200,frames
=70);
```



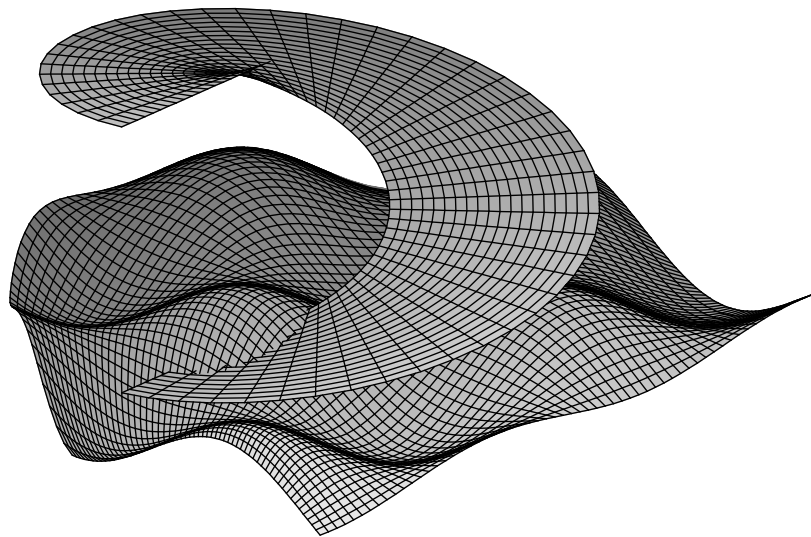
```
> plot3d([u*cos(v),u*sin(v),v],u=1..4,v=0..10  
*Pi,grid=[20,50]);
```



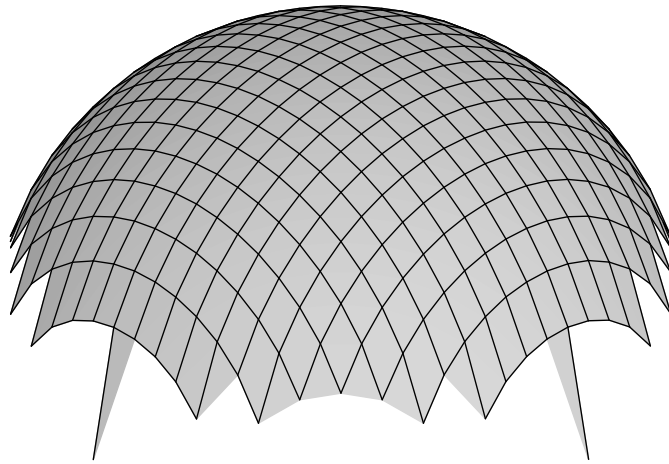
```
> plot3d(sin(x)*cos(y),x=-5..5,y=-5+x^2/5..5,  
grid=[60,60]);
```



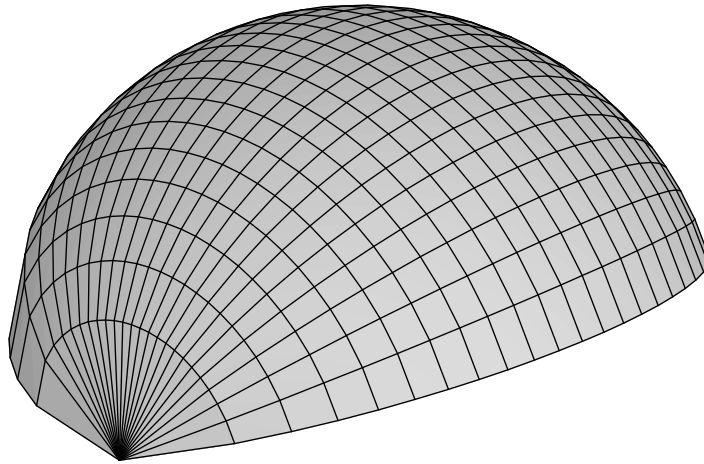
```
> p1:=plot3d(sin(x)*cos(y),x=-5..5,y=-5+x^2/5
..5,grid=[60,60]):
> p2:=plot3d([u*cos(v),u*sin(v),v],u=1..4,v=0
..2*Pi,grid=[20,50]):
> display({p1,p2});
```



```
> plot3d(sqrt(1-x^2-y^2),x=-1..1,y=-1..1);
```



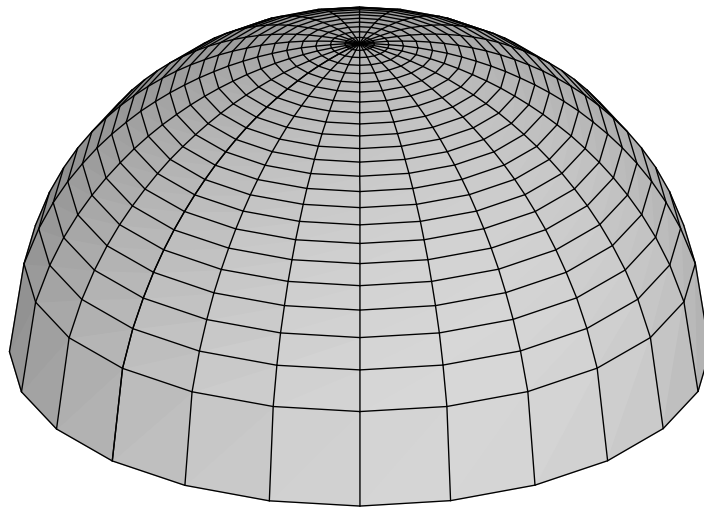
```
> plot3d(sqrt(1-x^2-y^2),x=-1..1,y=-sqrt(1-x^2)..sqrt(1-x^2));
```

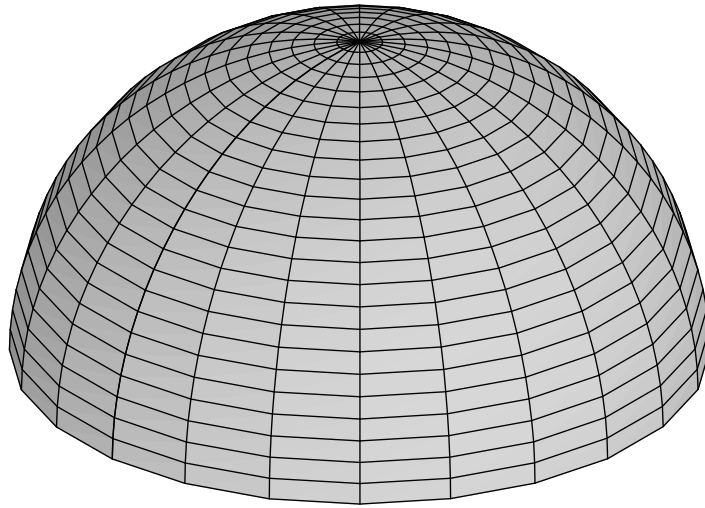
```
> r:='r';
```

r := r

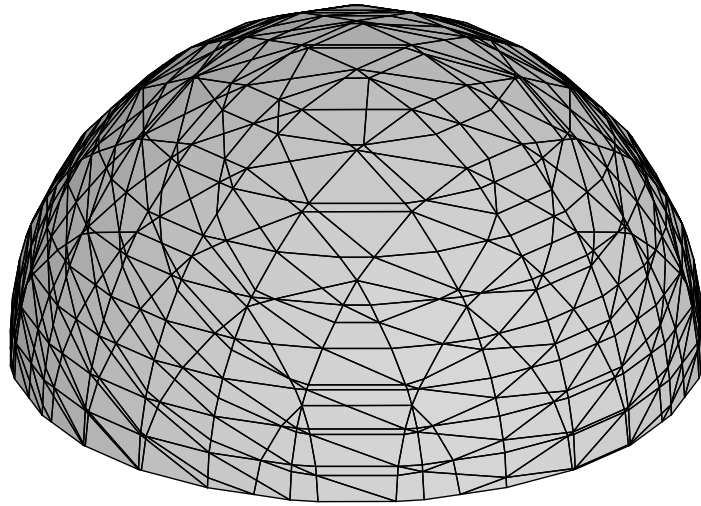
```
> plot3d([r*cos(t), r*sin(t), sqrt(1-r^2)], r=0.  
.1, t=0..2*Pi);
```



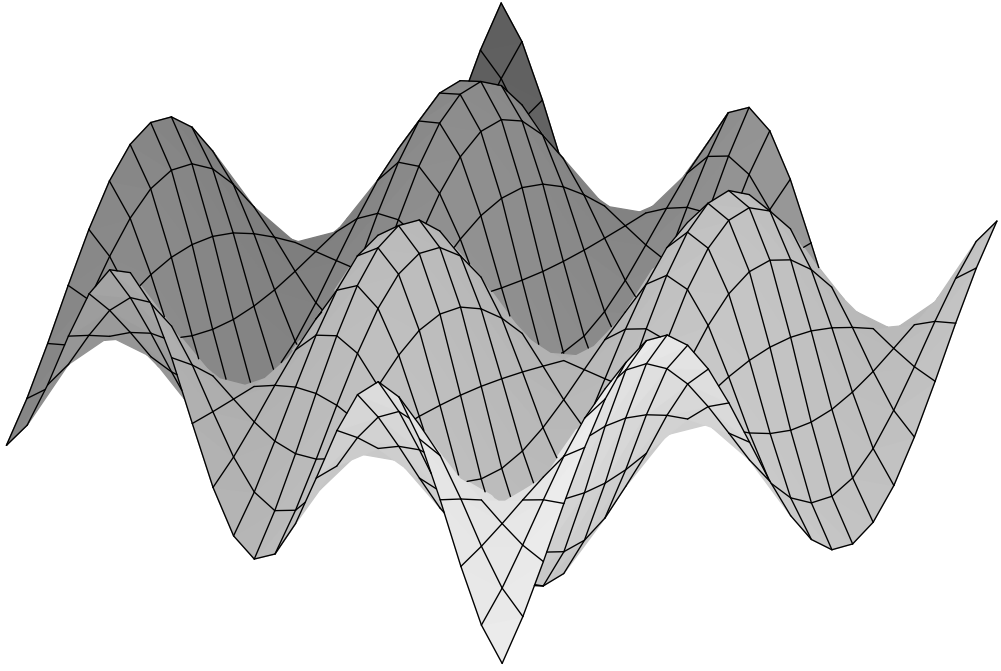
```
> plot3d([1,theta,phi],phi=0..Pi/2,theta=0..2  
*Pi,coords=spherical);
```



```
> implicitplot3d(x^2+y^2+z^2=1,x=-1..1,y=-1..1,z=0..1);
```



```
> animate3d(sin(c*x)*cos(c*y),x=-2..2,y=-3..3  
  ,c=2..3,frames=60);
```



Vertical line on the left side of the page.

[V
[V