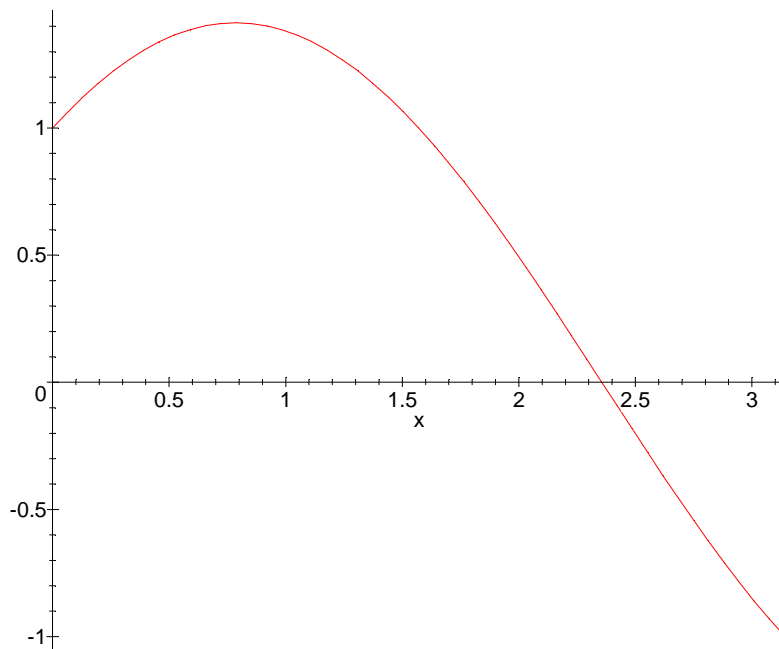
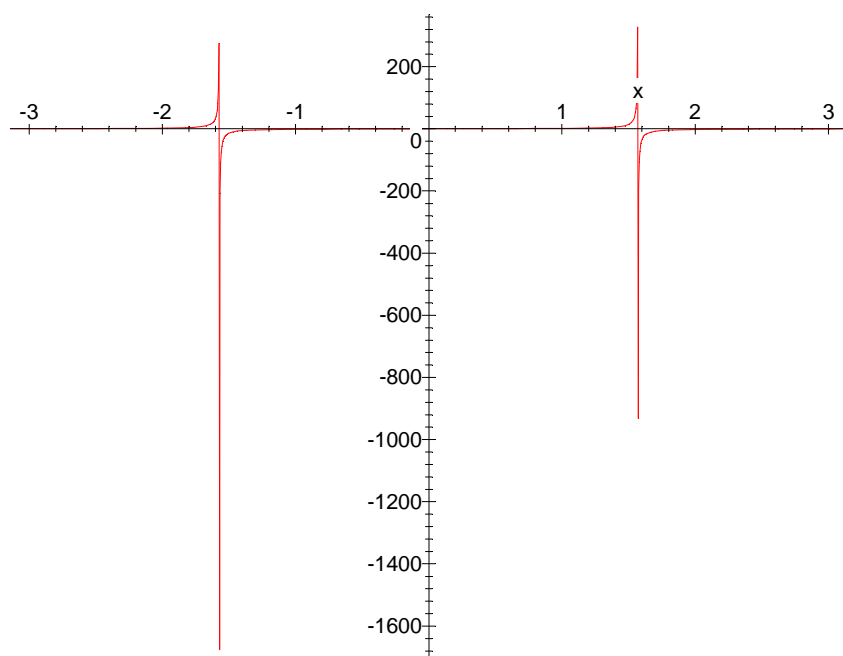


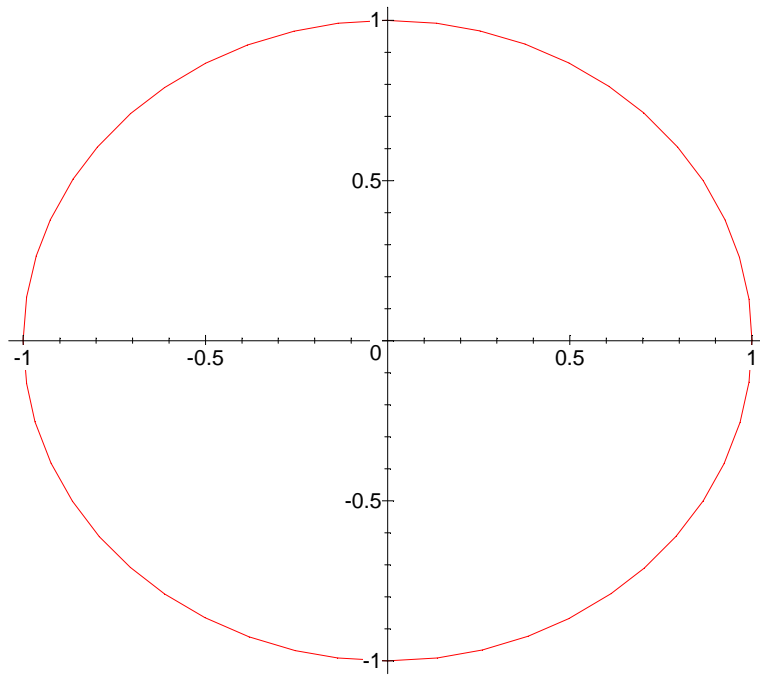
```
> plot(cos(x) + sin(x), x=0..Pi);  
plot(tan(x), x=-Pi..Pi);  
plot([sin(t), cos(t), t=-Pi..Pi]);  
plot(sin(t), t);
```



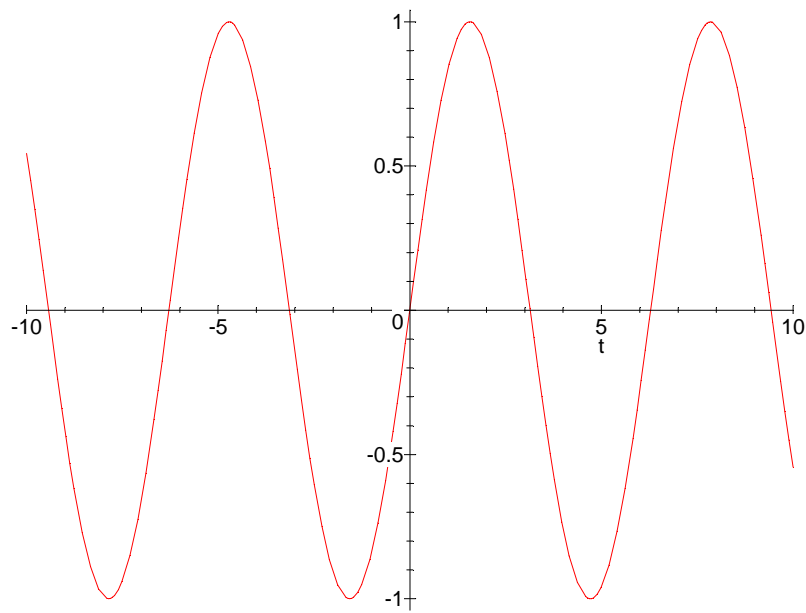
¶



¶

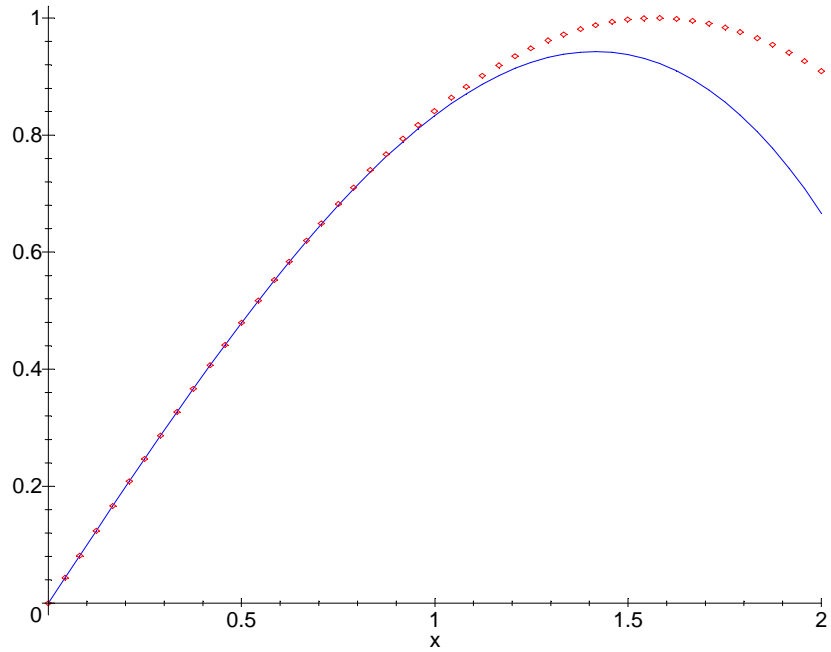


¶

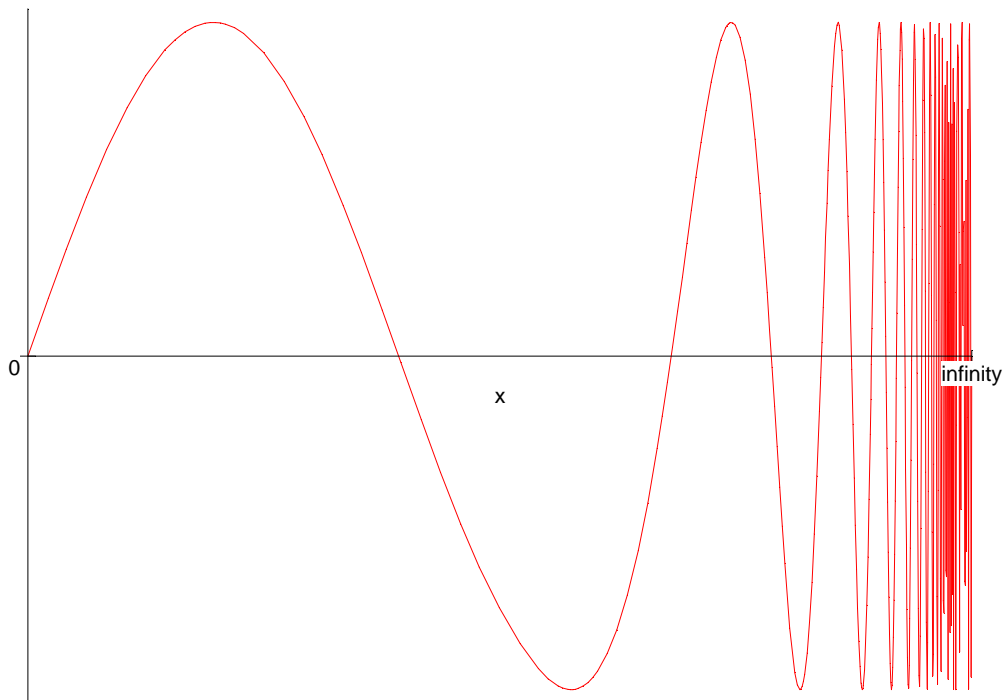


¶

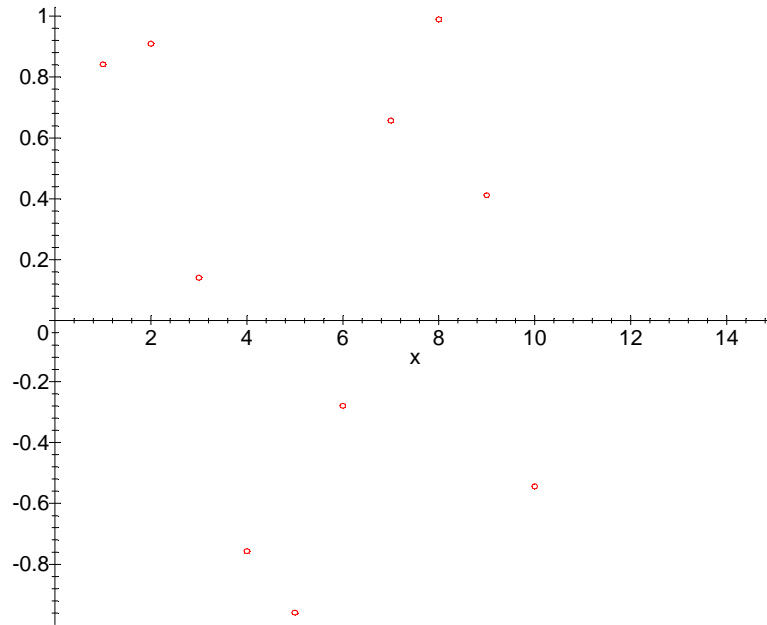
```
> plot([sin(x), x-x^3/6], x=0..2, color=[red,blue],  
style=[point,line]);¶
```



```
> plot(sin(x), x=0..infinity);
```



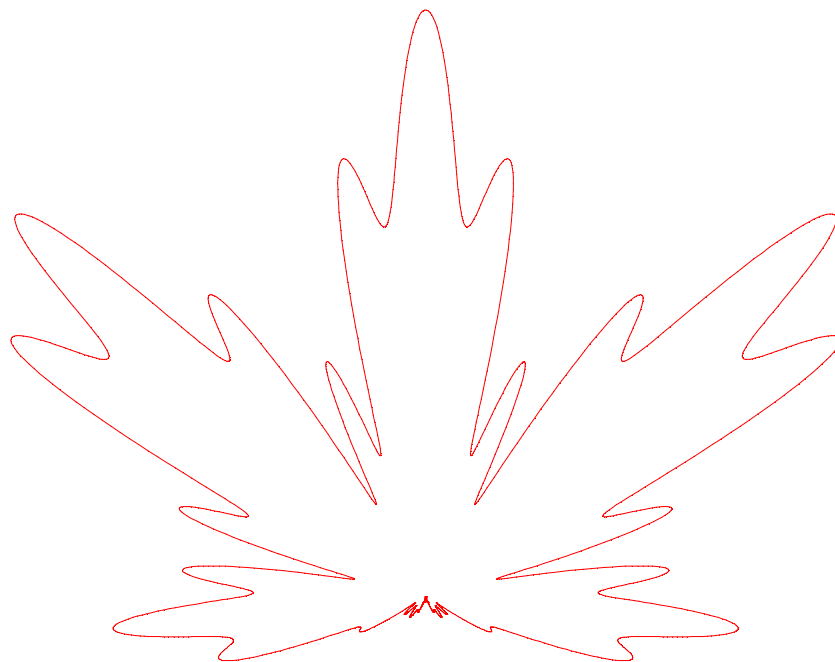
```
> l := [[ n, sin(n) ] $n=1..10];
plot(l, x=0..15, style=point, symbol=circle);
l := [[1, sin(1)], [2, sin(2)], [3, sin(3)], [4, sin(4)], [5, sin(5)], [6, sin(6)], [7, sin(7)],
[8, sin(8)], [9, sin(9)], [10, sin(10)]]
```

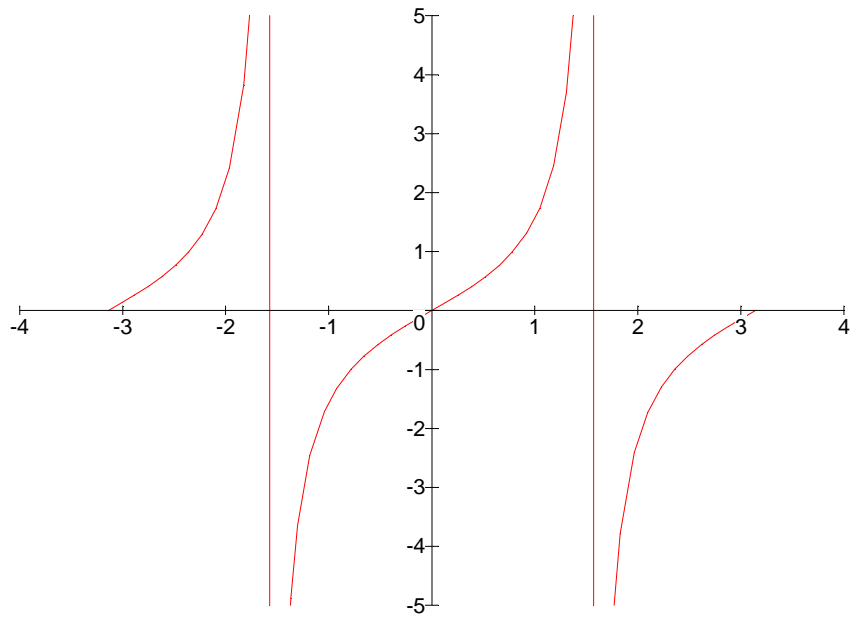


```

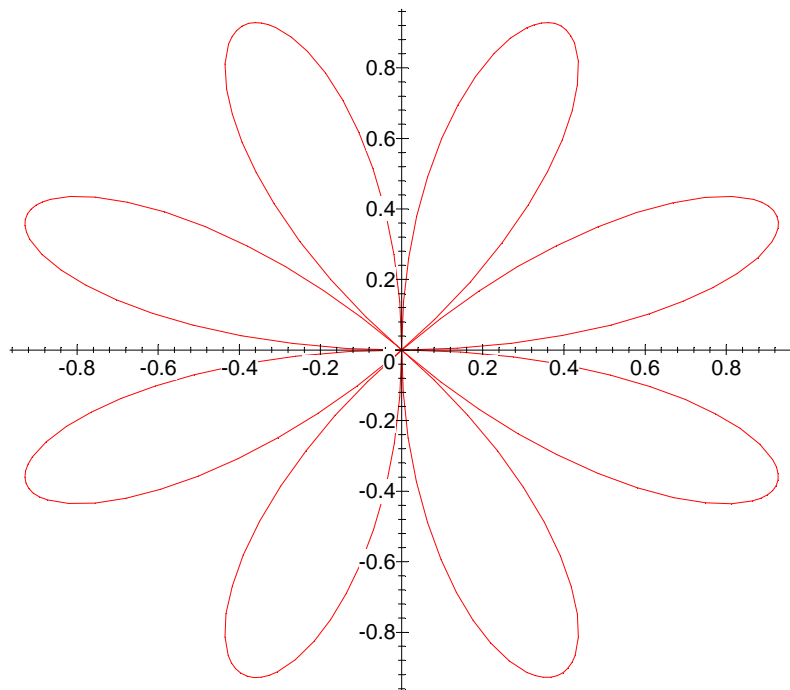
> s := t->100/(100+(t-Pi/2)^8): r := t->
s(t)*(2-sin(7*t)-cos(30*t)/2):
plot([r(t),t,t=-Pi/2..3/2*Pi],numpoints=2000,coords=polar,axes=n
one);
plot([x, tan(x), x=-Pi..Pi], -4..4, -5..5, tickmarks=[8,10]);

```

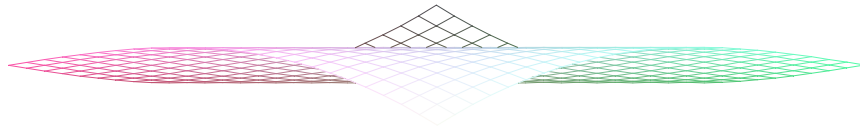




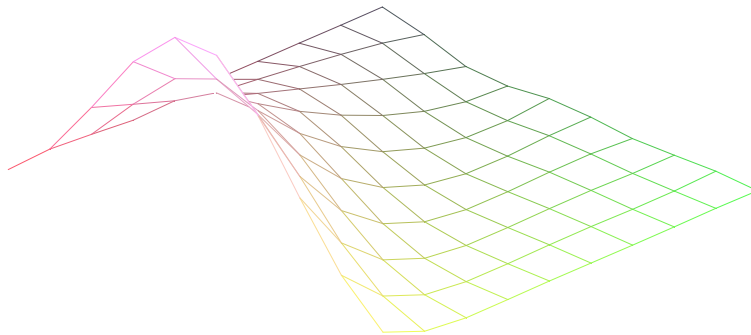
```
> plot([sin(4*x),x,x=0..2*Pi],coords=polar,thickness=3);
```



```
> plot3d(sin(x+y),x=-1..1,y=-1..1);
plot3d(binomial,0..5,0..5,grid=[10,10]);
```

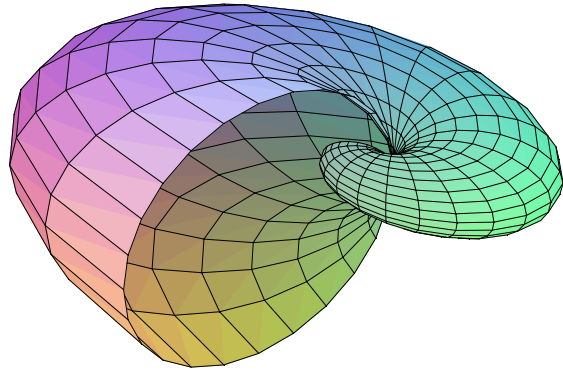


¶

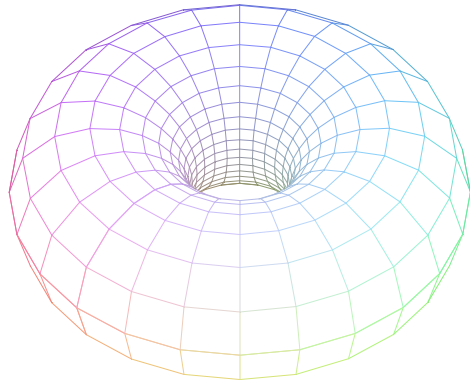


¶

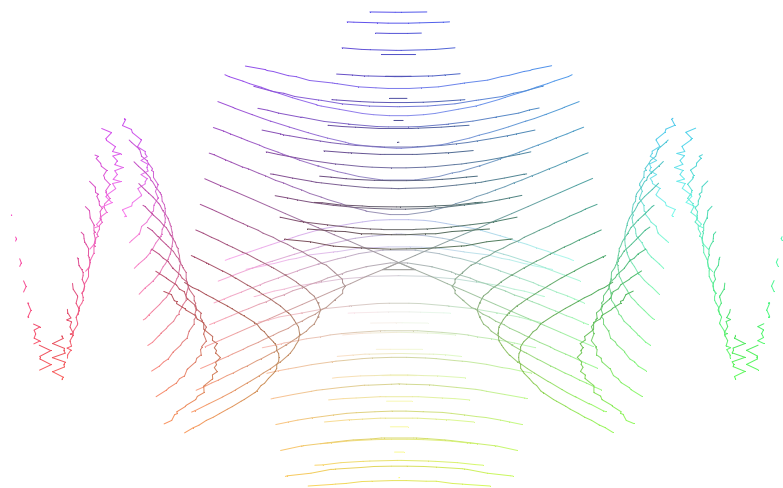
```
> plot3d((1.3)^x *
sin(y), x=-1..2*Pi, y=0..Pi, coords=spherical, style=patch); ↵
plot3d([1, x, y], x=0..2*Pi, y=0..2*Pi, coords=toroidal(10), scaling=c
onstrained); ↵
plot3d(sin(x*y), x=-Pi..Pi, y=-Pi..Pi, style=contour); ¶
```



¶



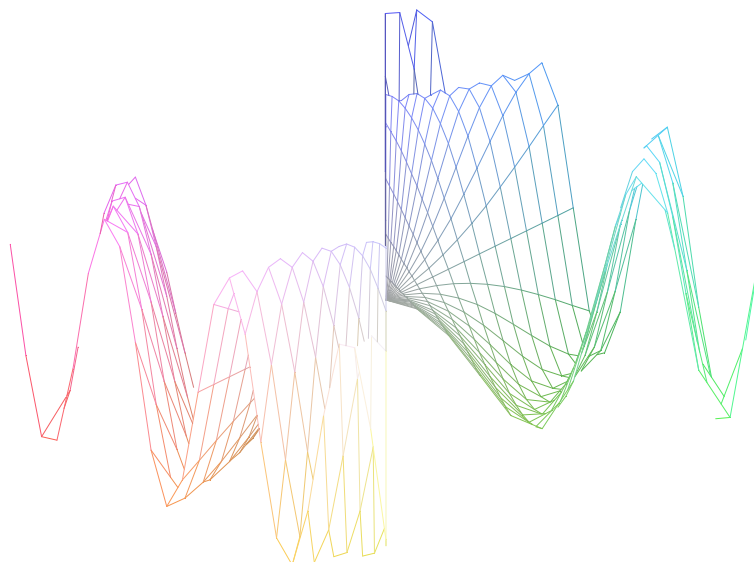
¶



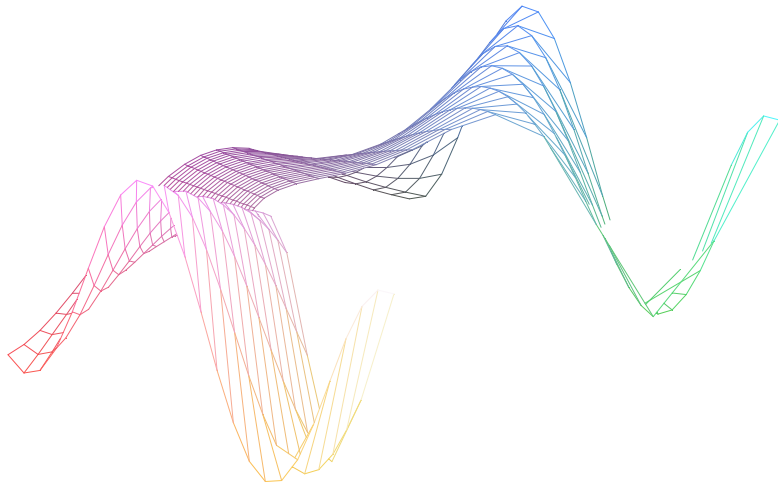
```

> plot3d(sin(x*y),x=-Pi..Pi,y=-x..x);
p:=proc(x,y) if x^2 < y then cos(x*y) else x*sin(x*y) fi end;
h:=proc(x) x^2 end;
plot3d(p,-2..2,-1..h);
plot3d([x*sin(x)*cos(y),x*cos(x)*cos(y),x*sin(y)],x=0..2*Pi,y=0..Pi);
plot3d(x*exp(-x^2-y^2),x=-2..2,y=-2..2,grid=[49,49]);

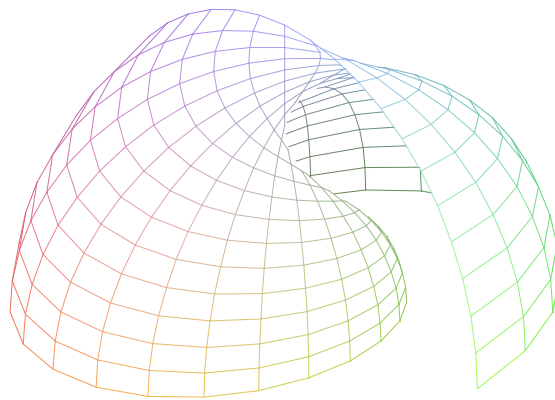
```



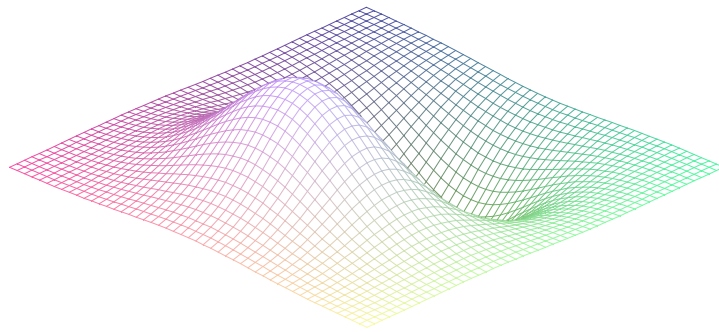




¶



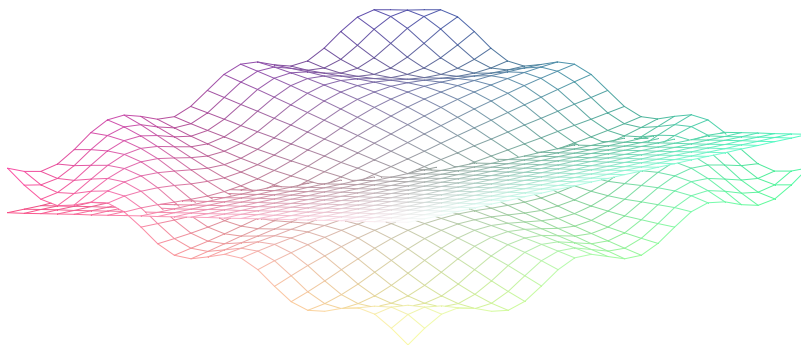
¶

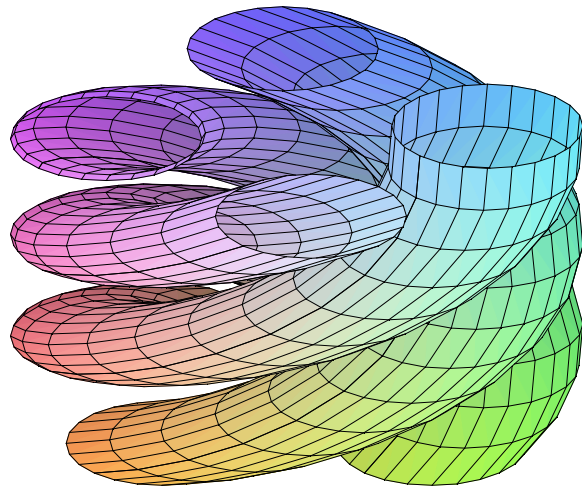


```

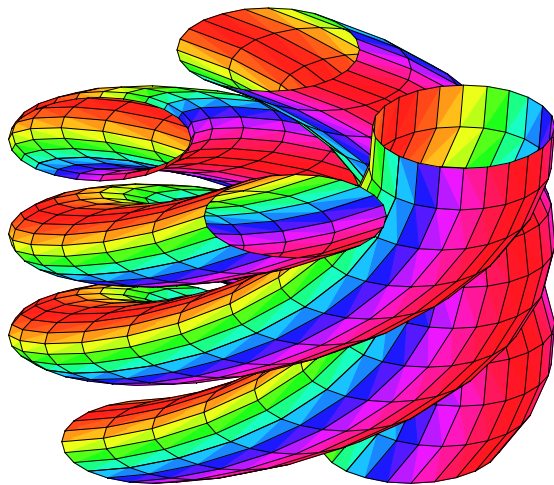
> plot3d({sin(x*y), x + 2*y}, x=-Pi..Pi, y=-Pi..Pi);
c1:= [cos(x)-2*cos(0.4*y), sin(x)-2*sin(0.4*y), y]:
c2:= [cos(x)+2*cos(0.4*y), sin(x)+2*sin(0.4*y), y]:
c3:= [cos(x)+2*sin(0.4*y), sin(x)-2*cos(0.4*y), y]:
c4:= [cos(x)-2*sin(0.4*y), sin(x)+2*cos(0.4*y), y]:
plot3d({c1,c2,c3,c4}, x=0..2*Pi, y=0..10, grid=[25,15], style=patch)
;
plot3d({c1,c2,c3,c4}, x=0..2*Pi, y=0..10, grid=[25,15], style=patch,
color=sin(x));

```



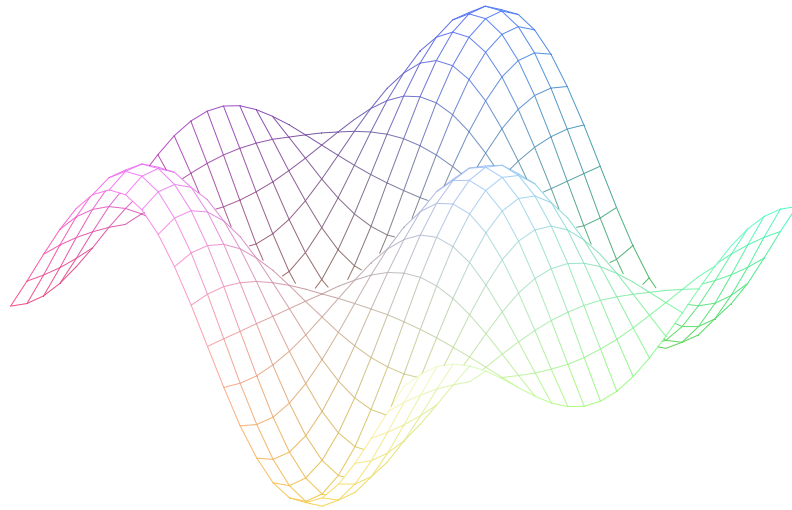


¶

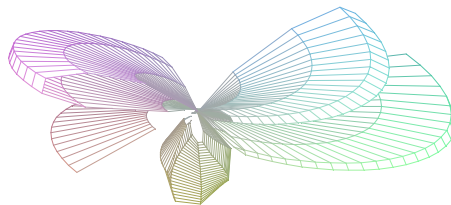


```
> with(plots):  
animate3d(cos(t*x)*sin(t*y),x=-Pi..Pi, y=-Pi..Pi,t=1..2);
```

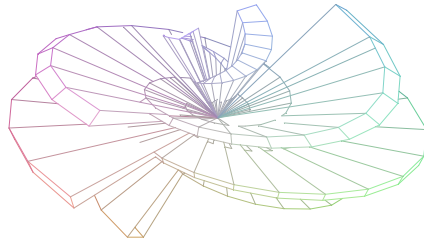
¶



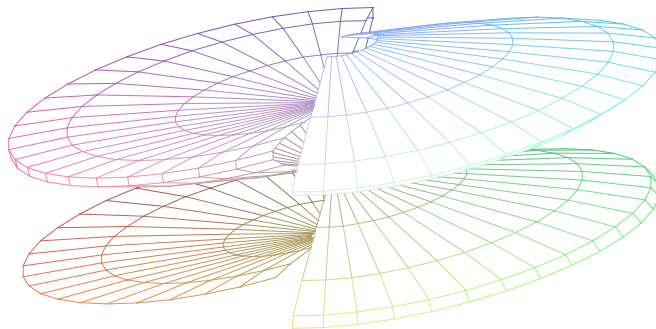
```
> animate3d(x*cos(t*u),x=1..3,t=1..4,u=2..4,coords=spherical);
```



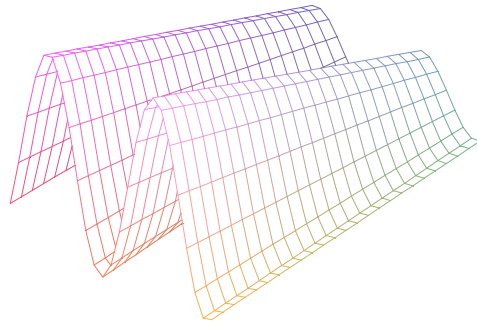
```
> animate3d((1.3)^x *  
sin(u*y),x=-1..2*Pi,y=0..Pi,u=1..8,coords=spherical);
```



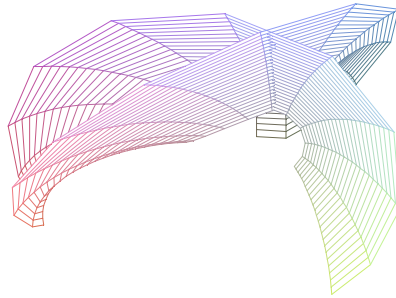
```
> animate3d(sin(x)*cos(t*u),x=1..3,t=1..4,u=1/4..7/2,coords=cylindrical);
```



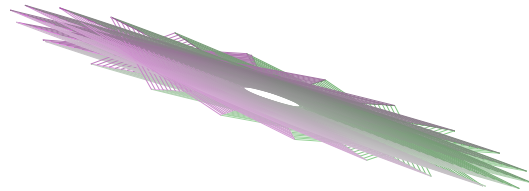
```
> animate3d([x*u,t-u,x*cos(t*u)],x=1..3,t=1..4,u=2..4);
```



```
> animate3d([x,y,(1.3)^x *  
sin(u*y)],x=1..3,y=1..4,u=1..2,coords=spherical);
```



```
> animate3d([x*u,u*t,x*cos(t*u)],x=1..5,t=1..13,u=2..4,coords=cylindrical);
```



```
> animate3d(cos(t*x)*sin(t*y),x=-Pi..Pi,  
y=-Pi..Pi,t=1..2,color=cos(x*y));
```

