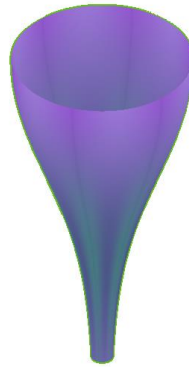
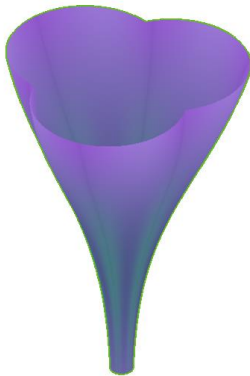


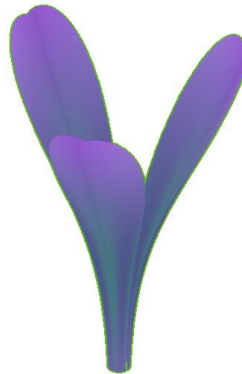
$$\begin{aligned}x &= r \cdot \cos(u) \\ y &= r \cdot \sin(u) \\ z &\in [a, b], u \in [0, 2\pi], r = \text{cst}\end{aligned}$$



$$\begin{aligned}r &= 2^{-z^2} \\ x &= r \cdot \cos(u) \\ y &= r \cdot \sin(u) \\ z &\in [a, b], u \in [0, 2\pi)\end{aligned}$$



$$\begin{aligned}r &= 2^{-z^2} + z^3 \cdot |\sin(1,5u)| \\ x &= r \cdot \cos(u) \\ y &= r \cdot \sin(u) \\ z &\in [a, b], u \in [0, 2\pi)\end{aligned}$$



$$\begin{aligned}r &= 2^{-z^2} + z^3 \cdot |\sin(1,5u)| \\ x &= r \cdot \cos(u) \\ y &= r \cdot \sin(u) \\ z &\in [a, b], u \in [0, 2\pi) \\ z &< \sqrt{|\sin(1,5u)| + |\sin(1,5u)|}\end{aligned}$$

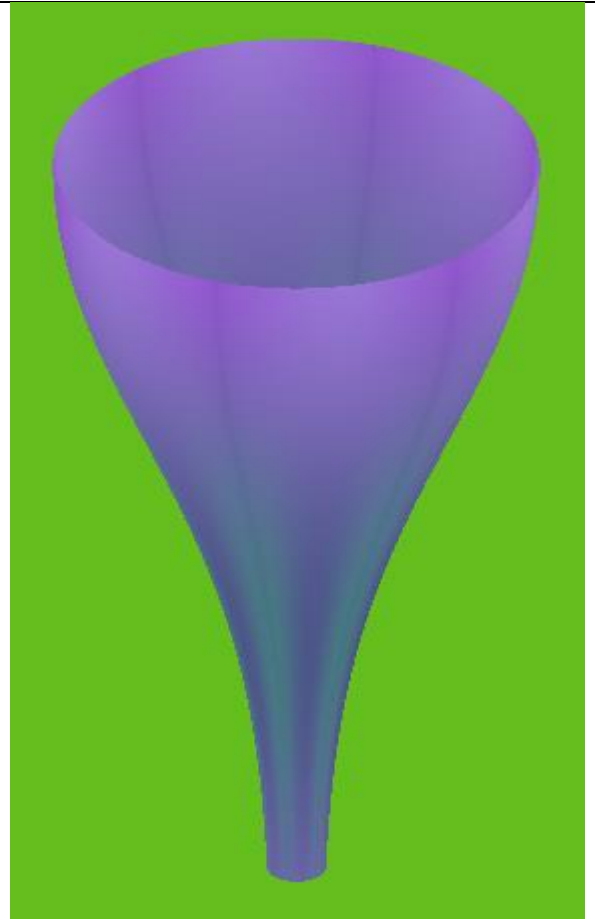
```
float
x1,y1,z1,x,y,z,r,r1,u,t,a,b,d1=20,pi=3.1415,nr,f,R,G,B,i,d=120,cx=600,cy=1400,cp;
for(z=7.7;z<=10;z+=0.005)
for(u=4*pi;u<6*pi;u+=0.004)
{
r=0.7;
x=r*cos(u);
y=r*sin(u);
a=0.86*x-0.86*y;
b=z-0.5*x-0.5*y;
pDC->SetPixel(a*d+cx,-b*d+cy, RGB(160-(sin(z)+1)*50+17*pow(1-
fabs(sin(3*(u+0.45))),0.1),140-(sin(z)*0.4*(sin(6*(u+0.7))))+1)*50
+17*pow(1-fabs(sin(3*(u+0.45))),0.1),220-(sin(z)+1)*50+17*pow(1-
fabs(sin(3*(u+0.45))),0.1)));
}
```



```

float
x1,y1,z1,x,y,z,r,r1,u,t,a,b,d1=20,pi=3.1415,nr,f,R,G,B,i,d=120,cx=600,cy=1400,cp;
for(z=6.7;z<=10;z+=0.005)
for(u=4*pi;u<6*pi;u+=0.004)
{
r=1.5*(pow(2,-pow(z-10,2)/2)*0.5)+0.08;
x=r*cos(u);
y=r*sin(u);
a=0.86*x-0.86*y;
b=z-0.5*x-0.5*y;
pDC->SetPixel(a*d+cx,-b*d+cy, RGB(160-(sin(z)+1)*50+17*pow(1-
fabs(sin(3*(u+0.45))),0.1),140-(sin(z)*0.4*(sin(6*(u+0.7))))+1)*50
+17*pow(1-fabs(sin(3*(u+0.45))),0.1),220-(sin(z)+1)*50+17*pow(1-
fabs(sin(3*(u+0.45))),0.1)));
}

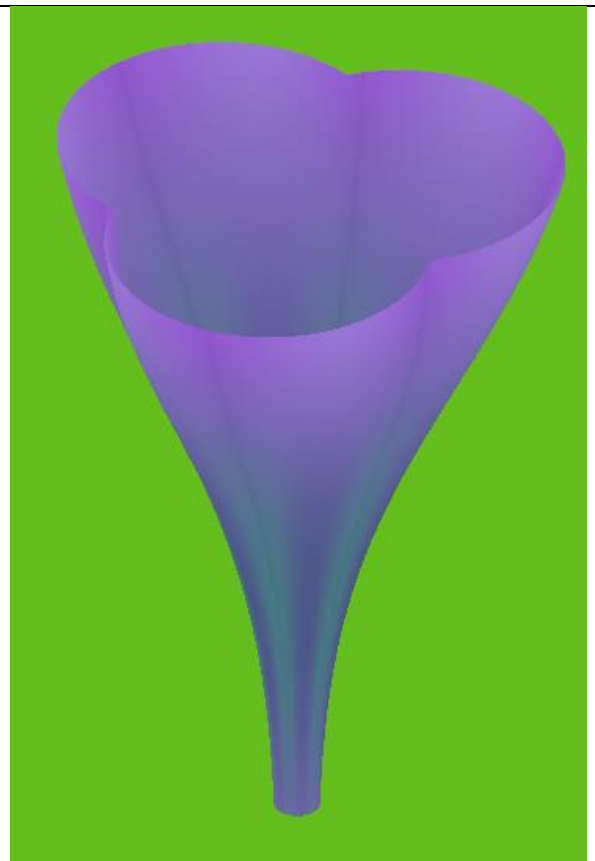
```



```

float
x1,y1,z1,x,y,z,r,r1,u,t,a,b,d1=20,pi=3.1415,nr,f,R,G,B,i,d=120,cx=600,cy=1400,cp;
for(z=6.7;z<=10;z+=0.005)
for(u=4*pi;u<6*pi;u+=0.004)
{
r=1.5*(pow(2,-pow(z-10,2)/2)*0.5)+0.01*pow(z-6.7,3)*fabs(sin(1.5*u))+0.08;
x=r*cos(u);
y=r*sin(u);
a=0.86*x-0.86*y;
b=z-0.5*x-0.5*y;
pDC->SetPixel(a*d+cx,-b*d+cy, RGB(160-(sin(z)+1)*50+17*pow(1-
fabs(sin(3*(u+0.45))),0.1),140-(sin(z)*0.4*(sin(6*(u+0.7))))+1)*50
+17*pow(1-fabs(sin(3*(u+0.45))),0.1),220-(sin(z)+1)*50+17*pow(1-
fabs(sin(3*(u+0.45))),0.1)));
}

```



```

float
x1,y1,z1,x,y,z,r,r1,u,t,a,b,d1=20,pi=3.1415,nr,f,R,G,B,i,d=120,cx=600,cy=1400,cp;
for(z=6.7;z<=11;z+=0.005)
for(u=4*pi;u<6*pi;u+=0.004)
{
r=1.5*(pow(2,-pow(z-10,2)/2)*0.5)+0.01*pow(z-6.7,3)*fabs(sin(1.5*u))+0.08;
x=r*cos(u);
y=r*sin(u);
a=0.86*x-0.86*y;
b=z-0.5*x-0.5*y;
cp=0.2*fabs(sin(2*1.5*u));
if(z<(10*pow(fabs(sin(1.5*u)),0.25)+cp))
{
pDC->SetPixel(a*d+cx,-b*d+cy, RGB(160-(sin(z)+1)*50+17*pow(1-
fabs(sin(3*(u+0.45))),0.1),140-(sin(z)*0.4*(sin(6*(u+0.7)))+1)*50
+17*pow(1-fabs(sin(3*(u+0.45))),0.1),220-(sin(z)+1)*50+17*pow(1-
fabs(sin(3*(u+0.45))),0.1)));
}
}
}

```



```

float
x1,y1,z1,x,y,z,r,r1,u,t,a,b,d1=20,pi=3.1415,nr,f,R,G,B,i,d=120,cx=600,cy=1400,cp;
for(z=6.7;z<=11;z+=0.005)
for(u=2*pi;u<6*pi;u+=0.004)
{
r=1.5*(pow(int(u/(2*pi)),0.4)+0.1)*(pow(2,-pow(z-
10,2)/2)*0.5)+0.01*pow(z-6.7,3)*fabs(sin(1.5*(u+pi/3*(int(u/(2*pi))%2))))+0.08;
x=r*cos(u);
y=r*sin(u);
a=0.86*x-0.86*y;
b=z-0.5*x-0.5*y;
cp=0.2*fabs(sin(2*1.5*(u+int(u/(2*pi)))));
if(z<(10*pow(fabs(sin(1.5*(u+int(u/(2*pi))))),0.25)+cp))
{
pDC->SetPixel(a*d+cx,-b*d+cy, RGB(160-(sin(z)+1)*50+20*pow(1-
fabs(sin(3*(u+0.45))),0.1),100-(sin(z)*0.4*(sin(6*(u+0.7)))+1)*50
+20*pow(1-
fabs(sin(3*(u+0.45))),0.1),220-(sin(z)+1)*50+20*pow(1-
fabs(sin(3*(u+0.45))),0.1)));
}
}
}

```

