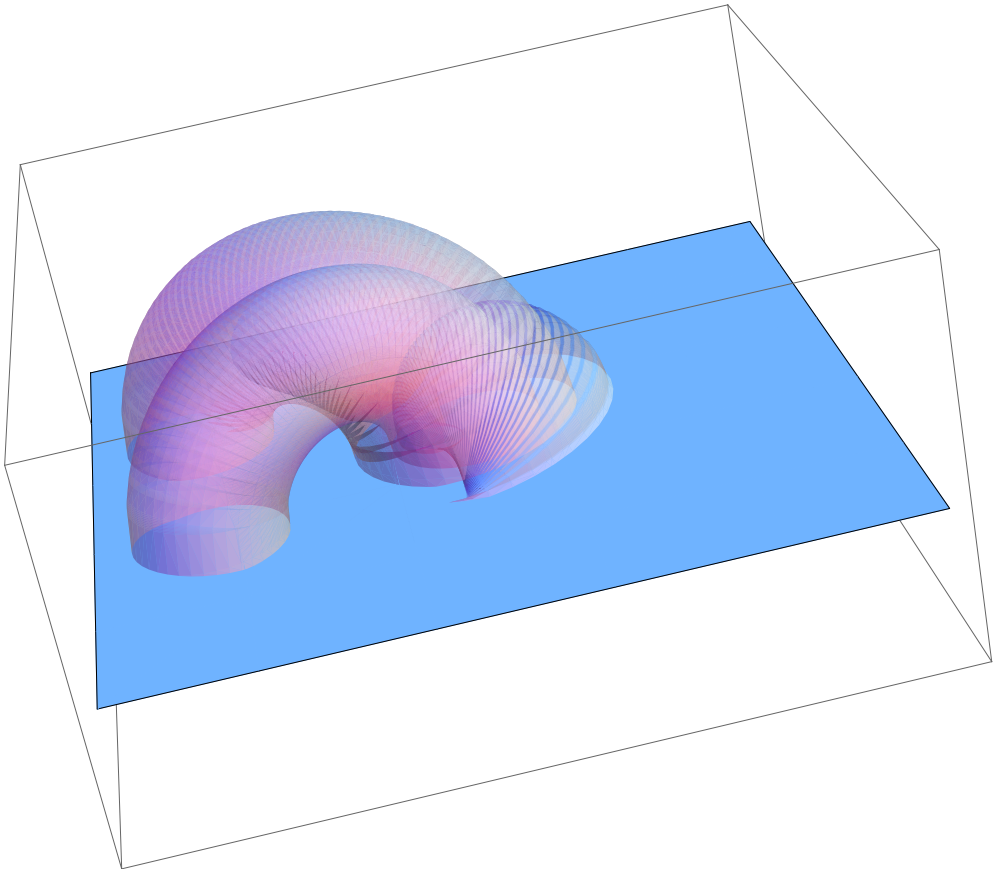
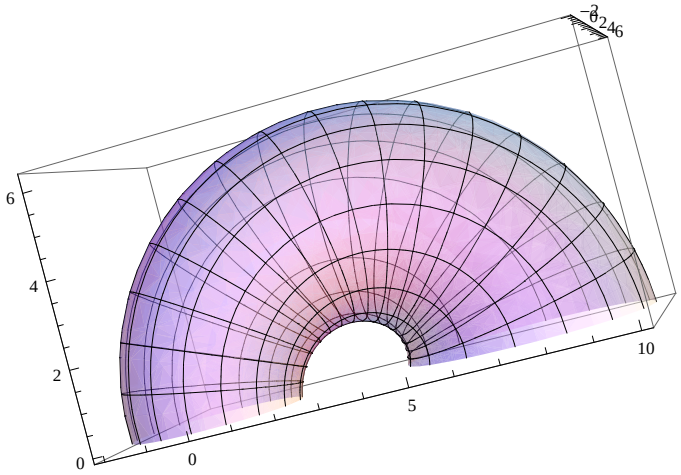
```
(*(* TC for 2-Chord *)
$N=48;
TC[{x1_,y1_,r1_}, {x2_,y2_,r2_}] := Module[{d,t},
  d=√((x1-x2)^2+(y1-y2)^2);
  Tube[
   Table[
    {(1-t)x1+t x2, (1-t)y1+t y2, d√(Max[0,t(1-t)])},
    {t,0,1,1/$N}
   ],
   Table[(1-t)r1+t r2, {t,0,1,1/$N}]
  ]]*)

Graphics3D[{
  Polygon[{{-10, -10, 0}, {-10, 10, 0}, {10, 10, 0}, {10, -10, 0}}],
  Opacity[0.5],
  CapForm[None], JoinForm["Round"],
  TC[{0, 0, 2}, {7, 3, 2}],
  TC[{0, 0, 3}, {7, -3, 2}],
  TC[{0, 0, 4}, {1, 0, 0.8}]
 }]
```



```
(* TC for 2-Chord *)
$N = 48;
TC[{x1_, y1_, r1_}, {x2_, y2_, r2_}] := Module[{R, M, v1, v2, v3},
  R = 1/2 Sqrt[(x1 - x2)^2 + (y1 - y2)^2];
  M = {x1 + x2, y1 + y2, 0} / 2;
  v1 = {x1 - x2, y1 - y2, 0} / (2 R);
  v2 = {y1 - y2, x2 - x1, 0} / (2 R);
  v3 = {0, 0, 1};
  ParametricPlot3D[
   M + R (Cos[φ] v1 + Sin[φ] v3) +
     ((π - φ) r1 + φ r2)/π (Cos[θ] v2 + Sin[θ] (Cos[φ] v1 + Sin[φ] v3)),
   {φ, 0, π}, {θ, 0, 2 π},
   PlotStyle → Opacity[0.5]
  ]
 ]
TC[{0, 0, 2}, {7, 3, 3}]
```



```
Show[{
  Polygon[{{-10, -10, 0}, {-10, 10, 0}, {10, 10, 0}, {10, -10, 0}}] // Graphics3D,
  TC[{0, 0, 2}, {7, 3, 2}],
  TC[{0, 0, 3}, {7, -3, 2}],
  TC[{0, 0, 4}, {1, 0, 0.8}]
 }]
```