

```

SetDirectory["C:\\drorbn\\AcademicPensieve\\2015-03\\Taylor"]
C:\\drorbn\\AcademicPensieve\\2015-03\\Taylor

size = 480;
s1[t_] := 1 + 0.5 (1 - t) (1 + t); s2[t_] := 1 - 0.25 (1 - t) (1 + t);
tilt[t_] := 0 + 0.5 (1 - t) (1 + t);
p1[t_] := {1.25 t, 0, -0.3 Sin[ $\pi$  t]}; p2[t_] := -p1[t];
Ring[p_, s_, tilt_] := Tube[
  Table[
    p + s {Cos[ $\theta$ ] Cos[tilt], Sin[ $\theta$ ], Cos[ $\theta$ ] Sin[tilt]},
    { $\theta$ , 0, 2  $\pi$ , 2  $\pi$ /72}
  ], 0.24 s
];
RedBlueRings[t_] := Graphics3D[{
  Red, Ring[p1[t], s1[t], tilt[t]],
  Blue, Ring[p2[t], s2[t], tilt[t]]
},
ViewPoint -> {0, -3, 1.5}, Boxed -> False, ImageSize -> size
];

TheVertex = (
  Rasterize[#, RasterSize -> size] & /@
  {
    purplering = Graphics3D[{
      Purple, Ring[{0, 0, 0}, 1, 0]
    },
    ViewPoint -> {0, -3, 1.5}, Boxed -> False, ImageSize -> size
  ],
  purplering,
  Graphics3D[{
    Red, Ring[{0, 0, 0}, 1.3, 0],
    Blue, Ring[{0, 0, 0}, 0.8, 0]
  },
  ViewPoint -> {0, -3, 1.5}, Boxed -> False, ImageSize -> size
  ],
  RedBlueRings[0],
  RedBlueRings[-1/2],
  RedBlueRings[-1]
  }
) // Reverse // GraphicsRow;

Export["TheVertex.png", ImageResize[TheVertex // ImageCrop, 800]]
TheVertex.png

```