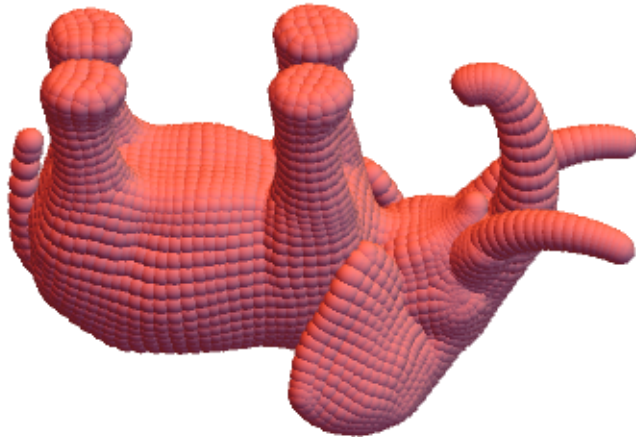


Pensieve header: Random sections of the elephant from <http://www.blendswap.com/blends/view/18009>.

```
SetDirectory["C:\\drorbn\\AcademicPensieve\\2013-04\\Elephant"];  
vs = Get["ElephantVertices.m"];  
Graphics3D[{Pink, Sphere[#, 0.1] & /@ vs},  
  Boxed → False, ViewPoint → {9.04268, -0.78336, -8.22291},  
  ViewVertical → {-1.83879, 0.0322299, -0.62669}] // Rasterize
```



```

MakeImage["RandomSections",
GraphicsGrid[Table[
  v = RandomPoint[Sphere[]];
{a, b} = MinMax[vs.v];
  zz = RandomReal[{2 a + b, a + 2 b}/3];
vs1 = vs.RotationMatrix[{{0, 0, 1}, v}];
Graphics[{RandomColor[],
  Select[vs1, Abs[#[[3]] - zz] < 0.1 &] /.
    {x_, y_, z_} => Disk[{x, y},  $\sqrt{0.1^2 - (z - zz)^2}$ ]
  } // ImageCrop,
{3}, {4}]]
]

```

