```
<<Statistics`ContinuousDistributions`
   (* We need some probability  distributions   *)
```

```
MainRadius := 8

Torus[u_, z_, phi_] := {
                          (MainRadius + u ) Cos[phi],
                          (MainRadius + u ) Sin[phi],
                          z
                    }

Coords[n_] := SetPrecision[Flatten[Table[
                Torus[#1, #2, #3] &[
                        Random[NormalDistribution[0, 0.8]],
                        Random[NormalDistribution[0, 1 / 5]],
                        Random[Real, {0, 2 Pi}]
              ], {n}], 0], 9]

Joints[n_] := Table[x, {x, 0, n - 1}]

MeshHeader[n_] := StringForm[StringJoin[

      "mesh\r  vertexdesc position f3 end_vertexdesc\r\rvertices  ", ToString[n], "\r"

      ]]

LinesHeader[n_] := StringForm[StringJoin["\rpoints 1  ", ToString[n]]]

EndMesh := StringForm["\rend_mesh\r\r"]

AllData[n_] := Join[ Prepend[Coords[n], MeshHeader[n]],
  Append[Prepend[Joints[n], LinesHeader[n]], EndMesh]]

DataFile[n_] := Export[StringJoin["AllData_", ToString[n], ".txt"], AllData[n], "Table"]
```

```
DataFile[10000]          (* This will export all the data into a single CMOD file *)
```

In[11]:= **Plot[PDF[NormalDistribution[0, 2], x], {x, 0, 6}, PlotRange → All]**