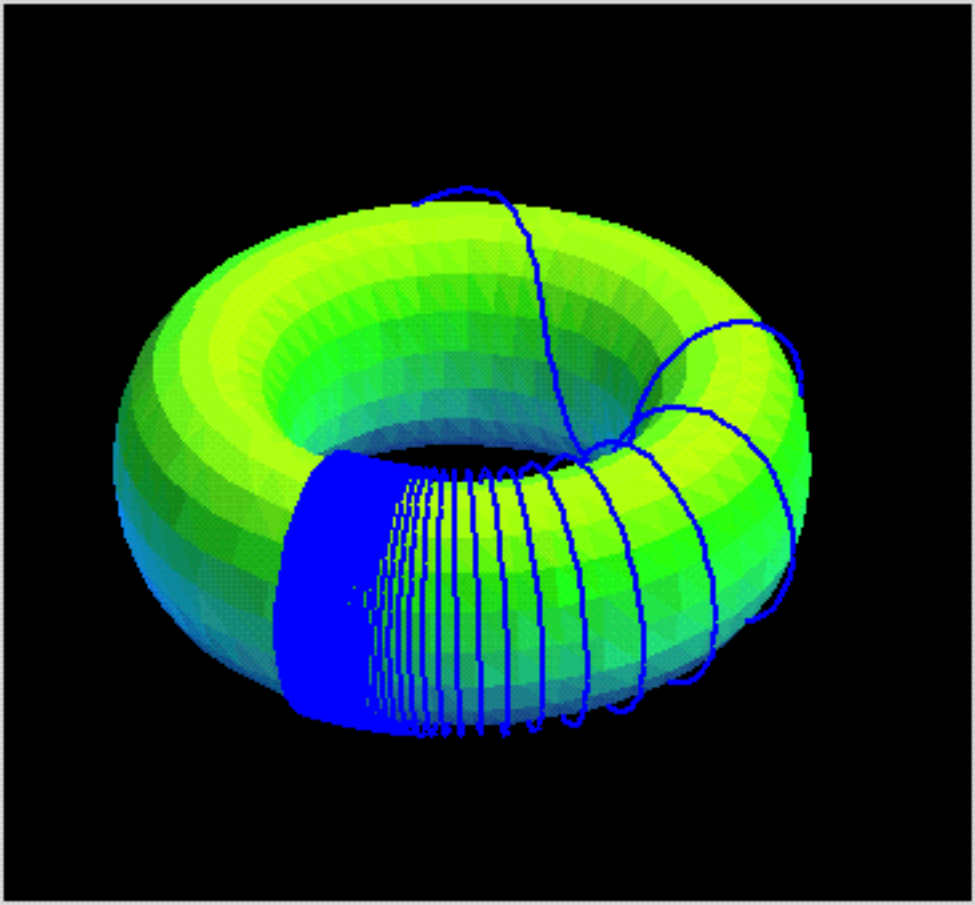

Figure 2: The graph of $G(x)$ on the torus. Note that all the jump discontinuities have been removed, but that the pole at the origin remains. The darkening of the curve towards the singularity again gives an idea of the fractional nature of the capacity dimension.