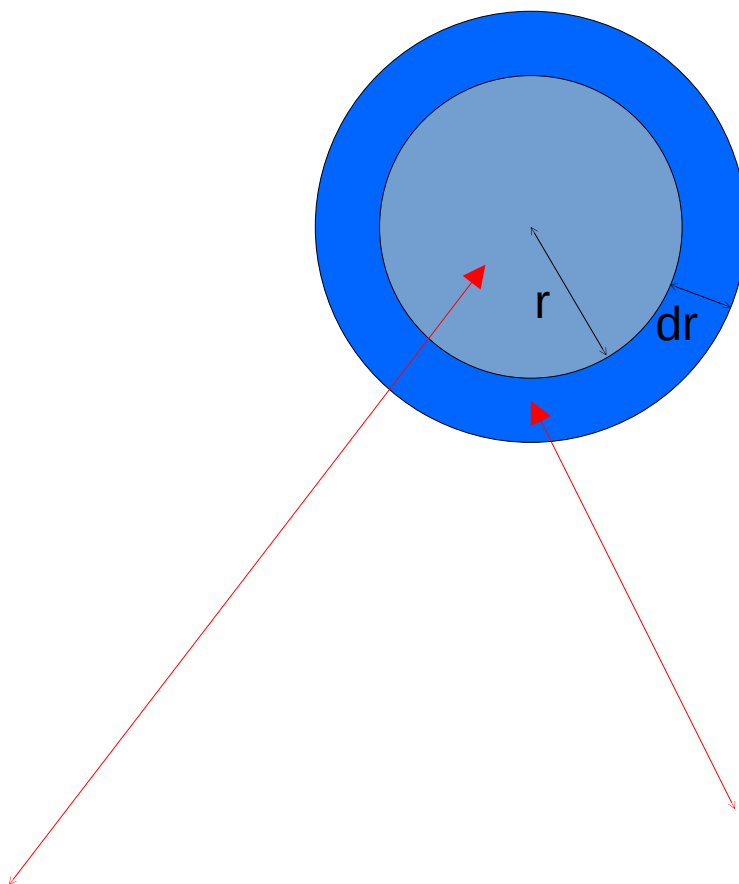


Figure 1. Building a Universe



A sphere of uniform density will influence the shell dr , according to the Schwarzschild metric

This shell of thickness dr , will have negligible mass, and so it will not influence the effect of the sphere within it. Also a spherical shell will not influence the space inside it.