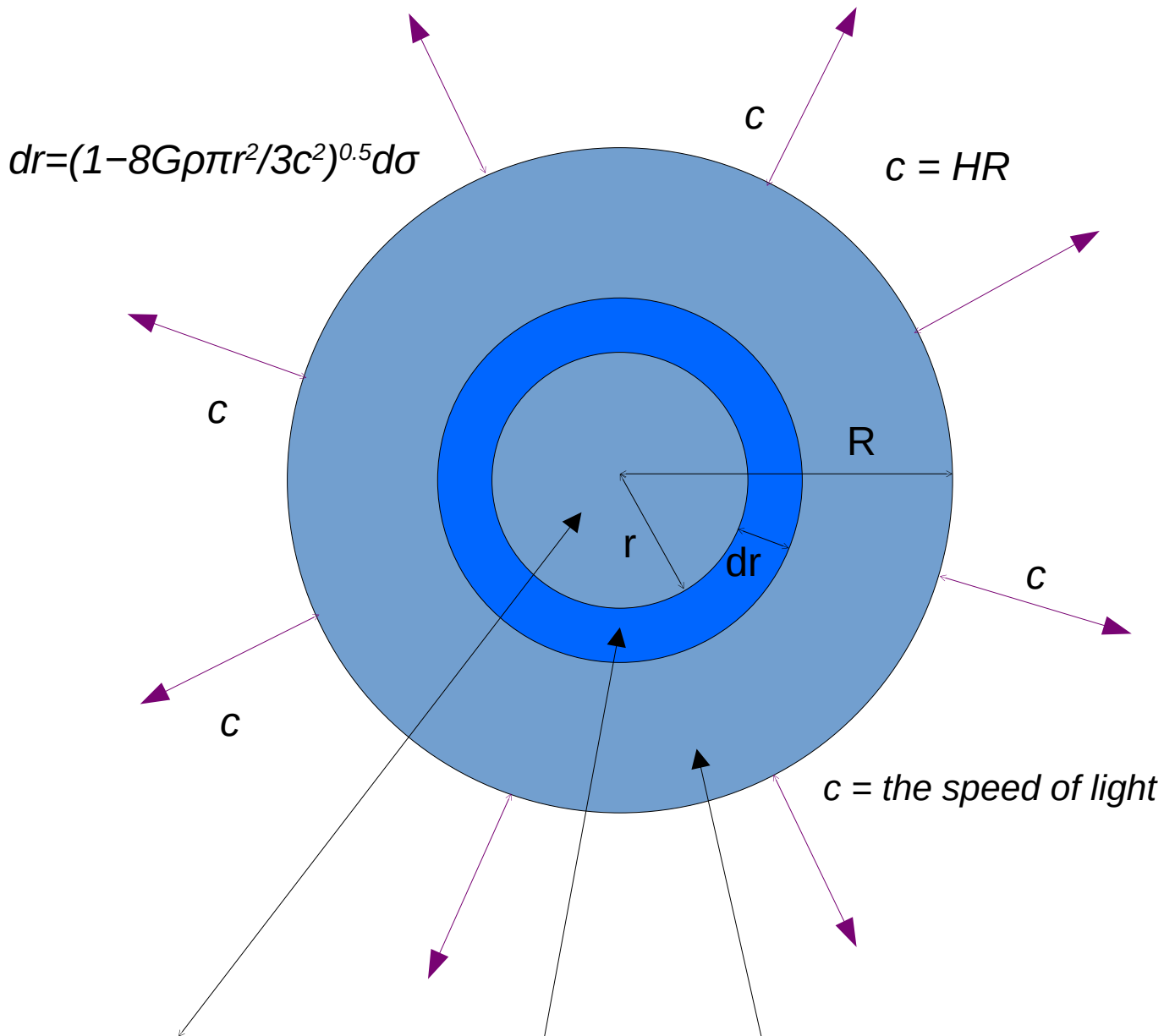


Building a Universe



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

A spherical shell of uniform density will have Minkowski spacetime inside it

This shell of thickness dr , will have negligible mass, and so it will not influence the effect of the sphere within it