Building a Universe using Birkhoff's theorems
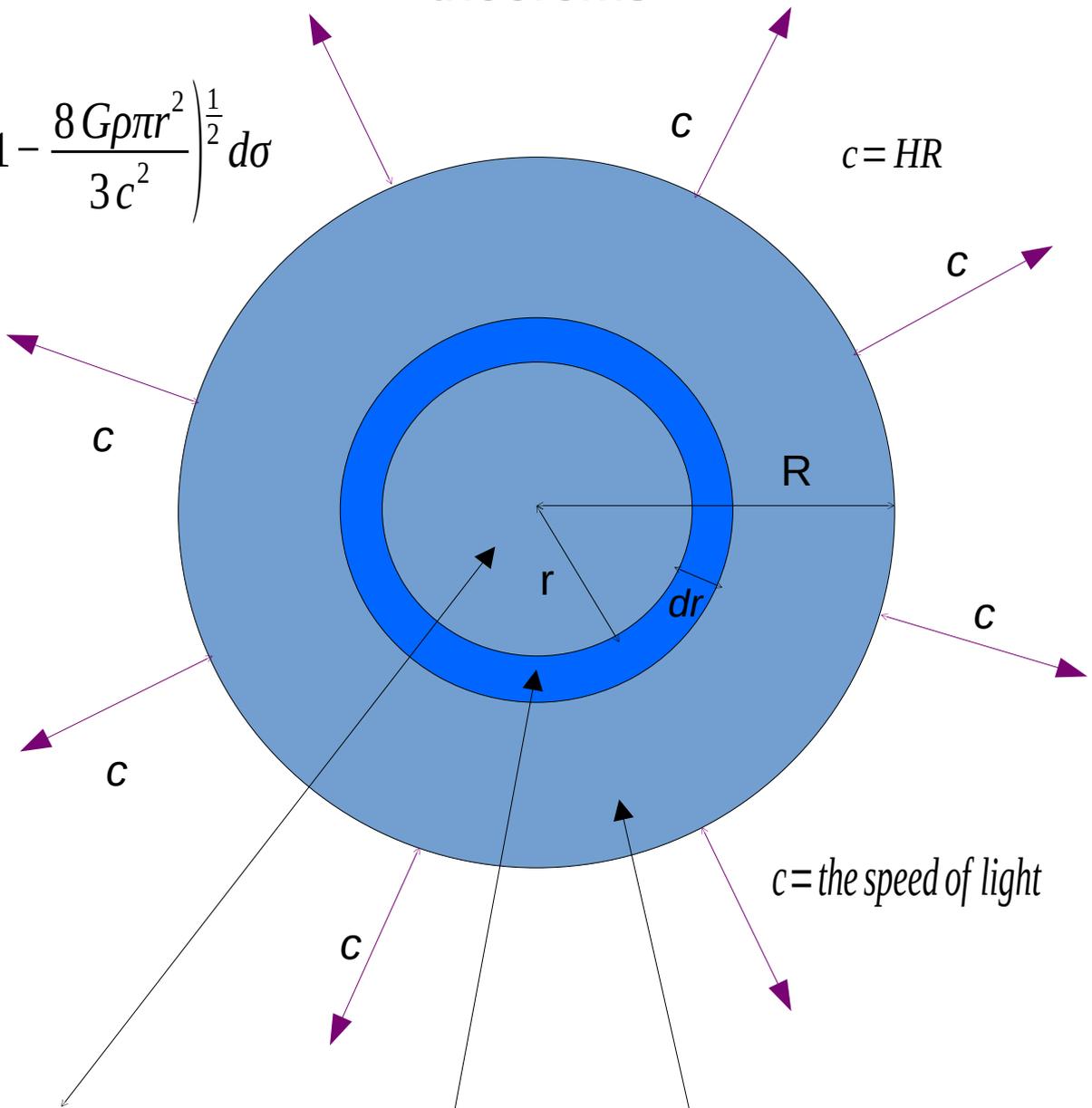
$$dr = \left(1 - \frac{8\,G\rho\pi r^2}{3\,c^2}\right)^{\frac{1}{2}} d\sigma$$

c

$c = HR$

c

c

c

c

c

c

R

r

dr

$c = the\ speed\ of\ light$

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, so it will not affect the inner shells.

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