$$dM = -\frac{4\pi r^2}{K}d\tau$$

that A Cardela so

(1)
$$dP = \frac{dT}{K} \frac{GM_{ahn}}{R_{ahn}} \Rightarrow \frac{dP}{dt} = \frac{GM_{ahn}}{KR_{ahn}^2}$$

(2)
$$dR = \frac{d\xi}{k} \cdot \frac{1}{g}$$
 \Rightarrow $\frac{dR}{d\xi} = \frac{1}{kg}$

(5)
$$dc = -kgdR \rightarrow dR = \frac{dc}{-kg}$$

(NO MOR

(6)
$$\frac{dr}{dM} = \frac{1}{4\pi r^2 g}$$

$$\frac{dr}{dr} = \frac{dM}{4\pi r^2 g}$$

(8)
$$\frac{dP}{dr} = -\frac{GM}{r^2}$$

$$\frac{dP}{dr} = -\frac{GMg}{r^2} + \frac{fGMg}{kr^2g} du$$

$$dP = -\frac{GMg}{r^2} dv$$

(9)
$$dT = dr \cdot g \cdot k \leftarrow Sr$$
. The definition of spit optical depth.

$$dR = -\frac{dT}{gK} \leftarrow matches (2), except Sor The sign.$$