$$E = \frac{1}{2} \frac{1}{Mr^2} + \frac{1}{2} \frac{1}{Mr^2} - \frac{GMM}{r}$$

$$E = \frac{1}{2} \frac{1}{Mr^2} - \frac{1}{2}$$

 $C_0 = \frac{1}{7} \left( \frac{1}{7} \right)_{5}$ 

$$\Gamma = \frac{GMM}{ZE} \left[ -\frac{1}{1} + \frac{2E}{(GM)^2} \frac{A}{M} \right]$$

$$\Gamma = \frac{GMM}{ZE} \left[ -\frac{1}{1} + \frac{1}{1} + \frac{2E}{GMM} \right]$$

$$\Gamma = \frac{1}{2}R \left[ -\frac{1}{1} + \frac{1}{1} + \frac{2E}{E} \right] \quad ; R = \frac{GMM}{E}$$

$$\Gamma_{min} = \frac{1}{2}R \left[ -\frac{1}{1} + \frac{1}{1} \right]$$

$$\alpha \left( -\frac{1}{1} + \frac{1}{1} + \frac{2E}{E} \right)$$

$$\alpha \left( -\frac{1}{1} + \frac{$$

$$A = Tab$$

$$ab = \frac{-R}{Z}\sqrt{\frac{Rr_0}{Z}}$$

$$\frac{dA}{dt} = \frac{1}{z}c^{2}\dot{\varphi}dt$$

$$\frac{dA}{dt} = \frac{1}{z}c^{2}\dot{\varphi}; \quad \int = \mu c^{2}\dot{\varphi}$$

$$\dot{\varphi} = \frac{1}{u}c^{2}$$

$$\frac{dA}{dt} = \frac{1}{z}\int_{u}^{z} \frac{d}{u}c^{2} = \frac{1}{z}\int_{u}^{u}$$

$$\frac{dA}{dt} = \frac{1}{z}\int_{u}^{u}$$

$$A = \frac{\pi ab}{2}$$

$$ab = \frac{-R}{Z} \sqrt{\frac{Rr_0}{Z}}$$

$$A = -\frac{\pi R}{Z} \sqrt{\frac{-Rr_0}{Z}}$$

$$A = -\frac{Rr_0}{Z} \sqrt{\frac{M}{R}}$$

$$A = -\frac{$$