

Einstein Equations

$$G_{\mu\nu} = 8\pi T_{\mu\nu}$$

Stress–Energy Tensor

$$T_{\mu\nu} = \frac{1}{8\pi}G_{\mu\nu} = \left(\begin{array}{c} \frac{2r(f(r,t)-1)^3\frac{\partial^2}{\partial t^2}f(r,t)+r(f(r,t)-1)^2\left(\frac{\partial}{\partial t}f(r,t)\right)^2-2r(f(r,t)-1)\frac{\partial^2}{\partial t^2}f(r,t)-r\left(\frac{\partial}{\partial t}f(r,t)\right)^2+4(f(r,t)-1)^3\left(-2f(r,t)\right)}{64\pi r(f(r,t)-1)^4}\\ -\frac{\frac{\partial}{\partial t}f(r,t)}{16\pi r(f(r,t)-1)}\\ 0\\ 0 \end{array}\right)$$