Metric tensor coefficients (dd)

==========

$$g_{00} = -\frac{2 \cdot G \cdot M}{c^2 \cdot r} + 1$$

$g_{01} = 0$

$g_{02} = 0$

$g_{03} = 0$

$g_{10} = 0$

$$g_{11} = \frac{-1}{-\frac{2 \cdot G \cdot M}{c^2 \cdot r} + 1}$$

$g_{12} = 0$

$g_{13} = 0$

$g_{20} = 0$

$g_{21} = 0$

$$g_{22} = -r^2$$

$g_{23} = 0$

$g_{30} = 0$

$g_{31} = 0$

$g_{32} = 0$

$$g_{33} = -r^2 \cdot \sin^2(\theta)$$

Connection coefficients (udd)

==========

$\Gamma^0_{00} = 0$

$$\Gamma^0_{01} = \left(\frac{G \cdot M}{r \cdot \left(-2 \cdot G \cdot M + c^2 \cdot r\right)}\right)$$

$\Gamma^0_{02} = 0$

$\Gamma^0_{03} = 0$

$$\Gamma^0_{10} = \left(\frac{G \cdot M}{r \cdot \left(-2 \cdot G \cdot M + c^2 \cdot r\right)}\right)$$

$\Gamma^0_{11} = 0$

$\Gamma^0_{12} = 0$

$\Gamma^0_{13} = 0$

$\Gamma^0_{20} = 0$

$\Gamma^0_{21} = 0$

$\Gamma^0_{22} = 0$

$\Gamma^0_{23} = 0$

$\Gamma^0_{30} = 0$

$$\Gamma^{0}_{31} = 0$$

$$\Gamma^{0}_{32} = 0$$

$$\Gamma^{0}_{33} = 0$$

$$\Gamma^{1}_{00} = \frac{-2 \cdot G \cdot M \cdot \left(\frac{G \cdot M}{2 \cdot c^2 \cdot r} - 1 \right)}{2 \cdot c^2 \cdot r}$$

$$\Gamma^{1}_{01} = 0$$

$$\Gamma^{1}_{02} = 0$$

$$\Gamma^{1}_{03} = 0$$

$$\Gamma^{1}_{10} = 0$$

$$\Gamma^{1}_{11} = \frac{2 \cdot G \cdot M \cdot \left(\frac{G \cdot M}{2 \cdot c^2 \cdot r} - 1 \right)}{c^2 \cdot r \cdot \left(1 - \frac{2 \cdot G \cdot M}{c^2 \cdot r} \right)}$$

$$\Gamma^{1}_{12} = 0$$

$$\Gamma^{1}_{13} = 0$$

$$\Gamma^{1}_{20} = 0$$

$$\Gamma^{1}_{21} = 0$$

$$\Gamma^{1}_{22} = -2 \cdot r \cdot \left(\frac{G \cdot M}{2 \cdot c^2 \cdot r} - 1 \right)$$

$$\Gamma^{1}_{23} = 0$$

$$\Gamma^{1}_{30} = 0$$

$$\Gamma^{1}_{31} = 0$$

$$\Gamma^{1}_{32} = 0$$

$$\Gamma^{1}_{33} = -2 \cdot r \cdot \left(\frac{G \cdot M}{2 \cdot c^2 \cdot r} - 1 \right) \cdot \sin(\theta)^2$$

$$\Gamma^{2}_{00} = 0$$

$$\Gamma^{2}_{01} = 0$$

$$\Gamma^{2}_{02} = 0$$

$$\Gamma^{2}_{03} = 0$$

$$\Gamma^{2}_{10} = 0$$

$$\Gamma^{2}_{11} = 0$$

$$\Gamma^{2}_{12} = \frac{1}{r}$$

$$\Gamma^{2}_{13} = 0$$

$$\Gamma^{2}_{20} = 0$$

$\Gamma^{2}_{21} = \frac{1}{r}$

$\Gamma^{2}_{22} = 0$

$\Gamma^{2}_{23} = 0$

$\Gamma^{2}_{30} = 0$

$\Gamma^{2}_{31} = 0$

$\Gamma^{2}_{32} = 0$

$\Gamma^{2}_{33} = -\sin(\theta)\cdot\cos(\theta)$

$\Gamma^{3}_{00} = 0$

$\Gamma^{3}_{01} = 0$

$\Gamma^{3}_{02} = 0$

$\Gamma^{3}_{03} = 0$

$\Gamma^{3}_{10} = 0$

$\Gamma^{3}_{11} = 0$

$\Gamma^{3}_{12} = 0$

$\Gamma^{3}_{13} = \frac{1}{r}$

$\Gamma^{3}_{20} = 0$

$\Gamma^{3}_{21} = 0$

$\Gamma^{3}_{22} = 0$

$\Gamma^{3}_{23} = \frac{\cos(\theta)}{\sin(\theta)}$

$\Gamma^{3}_{30} = 0$

$\Gamma^{3}_{31} = \frac{1}{r}$

$\Gamma^{3}_{32} = \frac{\cos(\theta)}{\sin(\theta)}$

$\Gamma^{3}_{33} = 0$

Riemann curvature tensor coefficients (uddd)

==========

$R^{0}_{000} = 0$

$R^{0}_{001} = 0$

$R^{0}_{002} = 0$

$R^{0}_{003} = 0$

$R^{0}_{010} = 0$

$R^{0}_{011} = 0$

$R^{0}_{012} = 0$

$R^{0}_{013} = 0$

$R^{0}_{020} = 0$

$R^{0}_{021} = 0$

$R^{0}_{022} = 0$

$R^{0}_{023} = 0$

$R^{0}_{030} = 0$

$R^{0}_{031} = 0$

$$R^0_{032} = 0$$

$$R^0_{033} = 0$$

$$R^0_{100} = 0$$

$$R^0_{101} = \frac{2 \cdot G \cdot M}{r \cdot \left(-2 \cdot G \cdot M + c^2 \cdot r\right)}$$

$$R^0_{102} = 0$$

$$R^0_{103} = 0$$

$$R^0_{110} = \frac{2 \cdot G \cdot M}{r \cdot \left(2 \cdot G \cdot M - c^2 \cdot r\right)}$$

$$R^0_{111} = 0$$

$$R^0_{112} = 0$$

$$R^0_{113} = 0$$

$$R^0_{120} = 0$$

$$R^0_{121} = 0$$

$$R^0_{122} = 0$$

$$R^0_{123} = 0$$

$$R^0_{130} = 0$$

$$R^0_{131} = 0$$

$$R^0_{132} = 0$$

$$R^0_{133} = 0$$

$$R^0_{200} = 0$$

$$R^0_{201} = 0$$

$$R^0_{202} = \frac{-G \cdot M}{c^2 \cdot r}$$

$$R^0_{203} = 0$$

$$R^0_{210} = 0$$

$$R^0_{211} = 0$$

$$R^0_{212} = 0$$

$$R^0_{213} = 0$$

$$R^0_{220} = \frac{G \cdot M}{c^2 \cdot r}$$

$$R^0_{221} = 0$$

$$R^0_{222} = 0$$

$$R^0_{223} = 0$$

$$R^0_{230} = 0$$

$$R^0_{231} = 0$$

$$R^0_{232} = 0$$

$$R^0_{233} = 0$$

$$R^0_{300} = 0$$

$$R^0_{301} = 0$$

$$R^0_{302} = 0$$

$$R^0_{303} = -G \cdot M \cdot \sin(\theta)^2$$

$$R^0_{303} = \frac{}{2}$$
$$c \cdot r$$
$$R^0_{310} = 0$$
$$R^0_{311} = 0$$
$$R^0_{312} = 0$$
$$R^0_{313} = 0$$
$$R^0_{320} = 0$$
$$R^0_{321} = 0$$
$$R^0_{322} = 0$$
$$R^0_{323} = 0$$
$$R^0_{330} = \frac{G \cdot M \cdot \sin(\theta)^2}{c^2 \cdot r}$$
$$R^0_{331} = 0$$
$$R^0_{332} = 0$$
$$R^0_{333} = 0$$
$$R^1_{000} = 0$$
$$R^1_{001} = \frac{2 \cdot G \cdot M \cdot \left(-2 \cdot G \cdot M + c^2 \cdot r\right)}{4\ 4}$$
$$c \cdot r$$
$$R^1_{002} = 0$$
$$R^1_{003} = 0$$
$$R^1_{010} = \frac{2 \cdot G \cdot M \cdot \left(2 \cdot G \cdot M - c^2 \cdot r\right)}{4\ 4}$$
$$c \cdot r$$
$$R^1_{011} = 0$$
$$R^1_{012} = 0$$
$$R^1_{013} = 0$$
$$R^1_{020} = 0$$
$$R^1_{021} = 0$$
$$R^1_{022} = 0$$
$$R^1_{023} = 0$$
$$R^1_{030} = 0$$
$$R^1_{031} = 0$$
$$R^1_{032} = 0$$
$$R^1_{033} = 0$$
$$R^1_{100} = 0$$
$$R^1_{101} = 0$$
$$R^1_{102} = 0$$
$$R^1_{103} = 0$$
$$R^1_{110} = 0$$
$$R^1_{111} = 0$$
$$R^1_{112} = 0$$
$$R^1_{113} = 0$$

$$R^1_{120} = 0$$
$$R^1_{121} = 0$$
$$R^1_{122} = 0$$
$$R^1_{123} = 0$$
$$R^1_{130} = 0$$
$$R^1_{131} = 0$$
$$R^1_{132} = 0$$
$$R^1_{133} = 0$$
$$R^1_{200} = 0$$
$$R^1_{201} = 0$$
$$R^1_{202} = 0$$
$$R^1_{203} = 0$$
$$R^1_{210} = 0$$
$$R^1_{211} = 0$$
$$R^1_{212} = \frac{-G \cdot M}{c^2 \cdot r}$$
$$R^1_{213} = 0$$
$$R^1_{220} = 0$$
$$R^1_{221} = \frac{G \cdot M}{c^2 \cdot r}$$
$$R^1_{222} = 0$$
$$R^1_{223} = 0$$
$$R^1_{230} = 0$$
$$R^1_{231} = 0$$
$$R^1_{232} = 0$$
$$R^1_{233} = 0$$
$$R^1_{300} = 0$$
$$R^1_{301} = 0$$
$$R^1_{302} = 0$$
$$R^1_{303} = 0$$
$$R^1_{310} = 0$$
$$R^1_{311} = 0$$
$$R^1_{312} = 0$$
$$R^1_{313} = \frac{-G \cdot M \cdot \sin(\theta)^2}{c^2 \cdot r}$$
$$R^1_{320} = 0$$
$$R^1_{321} = 0$$
$$R^1_{322} = 0$$
$$R^1_{323} = 0$$
$$R^1_{330} = 0$$
$$R^1_{331} = \frac{G \cdot M \cdot \sin(\theta)^2}{2}$$

$$R^1_{332} = 0$$

$$R^1_{333} = 0$$

$$R^2_{000} = 0$$

$$R^2_{001} = 0$$

$$R^2_{002} = \frac{G \cdot M \cdot \left(2 \cdot G \cdot M - c^2 \cdot r\right)}{c^4 \cdot r^4}$$

$$R^2_{003} = 0$$

$$R^2_{010} = 0$$

$$R^2_{011} = 0$$

$$R^2_{012} = 0$$

$$R^2_{013} = 0$$

$$R^2_{020} = \frac{G \cdot M \cdot \left(-2 \cdot G \cdot M + c^2 \cdot r\right)}{c^4 \cdot r^4}$$

$$R^2_{021} = 0$$

$$R^2_{022} = 0$$

$$R^2_{023} = 0$$

$$R^2_{030} = 0$$

$$R^2_{031} = 0$$

$$R^2_{032} = 0$$

$$R^2_{033} = 0$$

$$R^2_{100} = 0$$

$$R^2_{101} = 0$$

$$R^2_{102} = 0$$

$$R^2_{103} = 0$$

$$R^2_{110} = 0$$

$$R^2_{111} = 0$$

$$R^2_{112} = \frac{\left(\frac{G \cdot M}{r^2}\right)}{\left(-2 \cdot G \cdot M + c^2 \cdot r\right)}$$

$$R^2_{113} = 0$$

$$R^2_{120} = 0$$

$$R^2_{121} = \frac{\left(\frac{G \cdot M}{r^2}\right)}{\left(2 \cdot G \cdot M - c^2 \cdot r\right)}$$

$$R^2_{122} = 0$$

$$R^2_{123} = 0$$

$$R^2_{130} = 0$$

$$R^2_{131} = 0$$

$$R^2_{132} = 0$$

$$R^2_{133} = 0$$

$$R^2_{200} = 0$$

$$R^2_{201} = 0$$

$R^2_{202} = 0$

$R^2_{203} = 0$

$R^2_{210} = 0$

$R^2_{211} = 0$

$R^2_{212} = 0$

$R^2_{213} = 0$

$R^2_{220} = 0$

$R^2_{221} = 0$

$R^2_{222} = 0$

$R^2_{223} = 0$

$R^2_{230} = 0$

$R^2_{231} = 0$

$R^2_{232} = 0$

$R^2_{233} = 0$

$R^2_{300} = 0$

$R^2_{301} = 0$

$R^2_{302} = 0$

$R^2_{303} = 0$

$R^2_{310} = 0$

$R^2_{311} = 0$

$R^2_{312} = 0$

$R^2_{313} = 0$

$R^2_{320} = 0$

$R^2_{321} = 0$

$R^2_{322} = 0$

$$R^2_{323} = \frac{2 \cdot G \cdot M \cdot \sin(\theta)^2}{c^2 \cdot r}$$

$R^2_{330} = 0$

$R^2_{331} = 0$

$$R^2_{332} = \frac{-2 \cdot G \cdot M \cdot \sin(\theta)^2}{c^2 \cdot r}$$

$R^2_{333} = 0$

$R^3_{000} = 0$

$R^3_{001} = 0$

$R^3_{002} = 0$

$$R^3_{003} = \frac{G \cdot M \cdot \left(2 \cdot G \cdot M - c^2 \cdot r\right)}{c^4 \cdot r^4}$$

$R^3_{010} = 0$

$R^3_{011} = 0$

$R^3_{012} = 0$

$R^3_{013} = 0$

$R^3_{020} = 0$

$$R^3_{021} = 0$$

$$R^3_{022} = 0$$

$$R^3_{023} = 0$$

$$R^3_{030} = \frac{G \cdot M \cdot \left(-2 \cdot G \cdot M + c^2 \cdot r\right)}{c^4 \cdot r^4}$$

$$R^3_{031} = 0$$

$$R^3_{032} = 0$$

$$R^3_{033} = 0$$

$$R^3_{100} = 0$$

$$R^3_{101} = 0$$

$$R^3_{102} = 0$$

$$R^3_{103} = 0$$

$$R^3_{110} = 0$$

$$R^3_{111} = 0$$

$$R^3_{112} = 0$$

$$R^3_{113} = \frac{G \cdot M}{2 \cdot r \cdot \left(-2 \cdot G \cdot M + c^2 \cdot r\right)}$$

$$R^3_{120} = 0$$

$$R^3_{121} = 0$$

$$R^3_{122} = 0$$

$$R^3_{123} = 0$$

$$R^3_{130} = 0$$

$$R^3_{131} = \frac{G \cdot M}{2 \cdot r \cdot \left(2 \cdot G \cdot M - c^2 \cdot r\right)}$$

$$R^3_{132} = 0$$

$$R^3_{133} = 0$$

$$R^3_{200} = 0$$

$$R^3_{201} = 0$$

$$R^3_{202} = 0$$

$$R^3_{203} = 0$$

$$R^3_{210} = 0$$

$$R^3_{211} = 0$$

$$R^3_{212} = 0$$

$$R^3_{213} = 0$$

$$R^3_{220} = 0$$

$$R^3_{221} = 0$$

$$R^3_{222} = 0$$

$$R^3_{223} = \frac{-2 \cdot G \cdot M}{c^2 \cdot r}$$

$$R^3_{230} = 0$$

$$R^3_{231} = 0$$

$$2 \cdot G \cdot M$$

$R^3_{232} = \frac{}{2}$

$c \cdot r$

$R^3_{233} = 0$

$R^3_{300} = 0$

$R^3_{301} = 0$

$R^3_{302} = 0$

$R^3_{303} = 0$

$R^3_{310} = 0$

$R^3_{311} = 0$

$R^3_{312} = 0$

$R^3_{313} = 0$

$R^3_{320} = 0$

$R^3_{321} = 0$

$R^3_{322} = 0$

$R^3_{323} = 0$

$R^3_{330} = 0$

$R^3_{331} = 0$

$R^3_{332} = 0$

$R^3_{333} = 0$

Ricci curvature tensor coefficients (dd)

==========

$R_{00} = 0$

$R_{01} = 0$

$R_{02} = 0$

$R_{03} = 0$

$R_{10} = 0$

$R_{11} = 0$

$R_{12} = 0$

$R_{13} = 0$

$R_{20} = 0$

$R_{21} = 0$

$R_{22} = 0$

$R_{23} = 0$

$R_{30} = 0$

$R_{31} = 0$

$R_{32} = 0$

$R_{33} = 0$

Schouten tensor coefficients (dd)

==========

$P_{00} = \frac{G \cdot M \cdot \left(2 \cdot G \cdot M - c^2 \cdot r\right)}{4\ 3}$

$c \cdot r$

$P_{01} = 0$

$P_{02} = 0$

$P_{03} = 0$
$P_{10} = 0$
$P_{11} = 0$
$P_{12} = 0$
$P_{13} = 0$
$P_{20} = 0$
$P_{21} = 0$
$P_{22} = 0$
$P_{23} = 0$
$P_{30} = 0$
$P_{31} = 0$
$P_{32} = 0$
$P_{33} = 0$

Ricci curvature scalar

==========

$R = 0$

Einstein curvature tensor coefficients (dd)

==========

$G_{00} = 0$
$G_{01} = 0$
$G_{02} = 0$
$G_{03} = 0$
$G_{10} = 0$
$G_{11} = 0$
$G_{12} = 0$
$G_{13} = 0$
$G_{20} = 0$
$G_{21} = 0$
$G_{22} = 0$
$G_{23} = 0$
$G_{30} = 0$
$G_{31} = 0$
$G_{32} = 0$
$G_{33} = 0$

Stress-energy-momentum tensor coefficients (dd)

==========

$T_{00} = 0$
$T_{01} = 0$
$T_{02} = 0$
$T_{03} = 0$
$T_{10} = 0$
$T_{11} = 0$
$T_{12} = 0$
$T_{13} = 0$
$T_{20} = 0$

$T_{21} = 0$

$T_{22} = 0$

$T_{23} = 0$

$T_{30} = 0$

$T_{31} = 0$

$T_{32} = 0$

$T_{33} = 0$

Proper acceleration vectors

==========

$$\frac{d^2}{d\tau^2}(t) = 0$$

$$\frac{d^2}{d\tau^2}(r) = 0$$

$$\frac{d^2}{d\tau^2}(\theta) = 0$$

$$\frac{d^2}{d\tau^2}(\phi) = 0$$

Coordinate acceleration vectors

==========

$$\frac{d^2}{dt^2}(t) = 0$$

$$\frac{d^2}{dt^2}(r) = \frac{G \cdot M \cdot \left(2 \cdot G \cdot M - c^2 \cdot r\right)}{c^4 \cdot r^3}$$

$$\frac{d^2}{dt^2}(\theta) = 0$$

$$\frac{d^2}{dt^2}$$

$$\frac{d^2}{dt^2}(\phi) = 0$$

Geodesic deviation vectors

==========

$$\frac{d^2}{d\tau^2}(\xi_0) = 0$$

$$\frac{d^2}{d\tau^2}(\xi_1) = 0$$

$$\frac{d^2}{d\tau^2}(\xi_2) = 0$$

$$\frac{d^2}{d\tau^2}(\xi_3) = 0$$