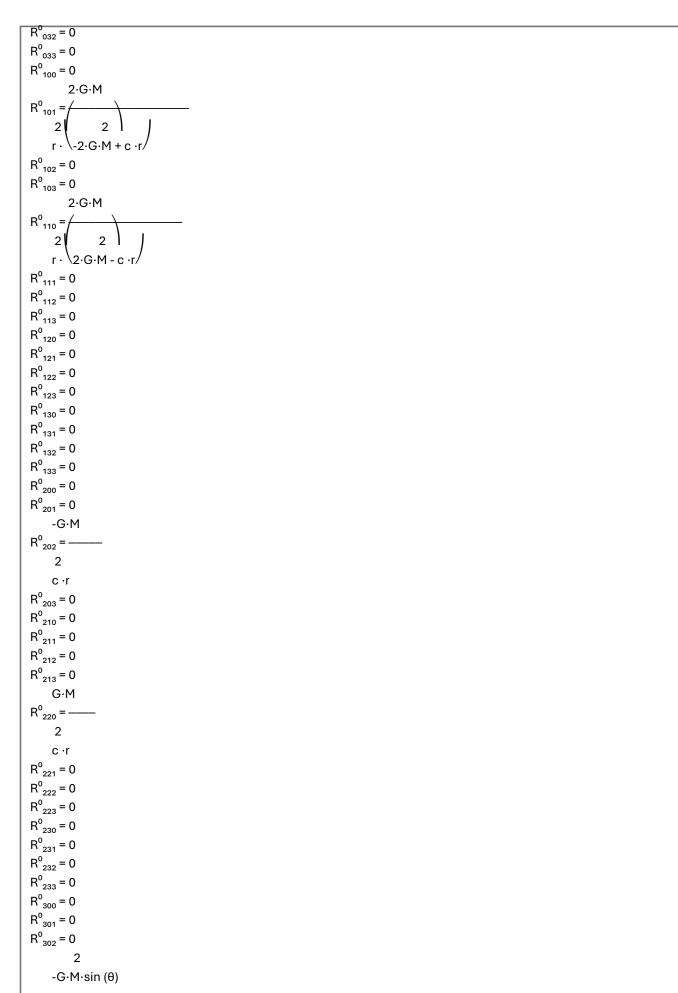
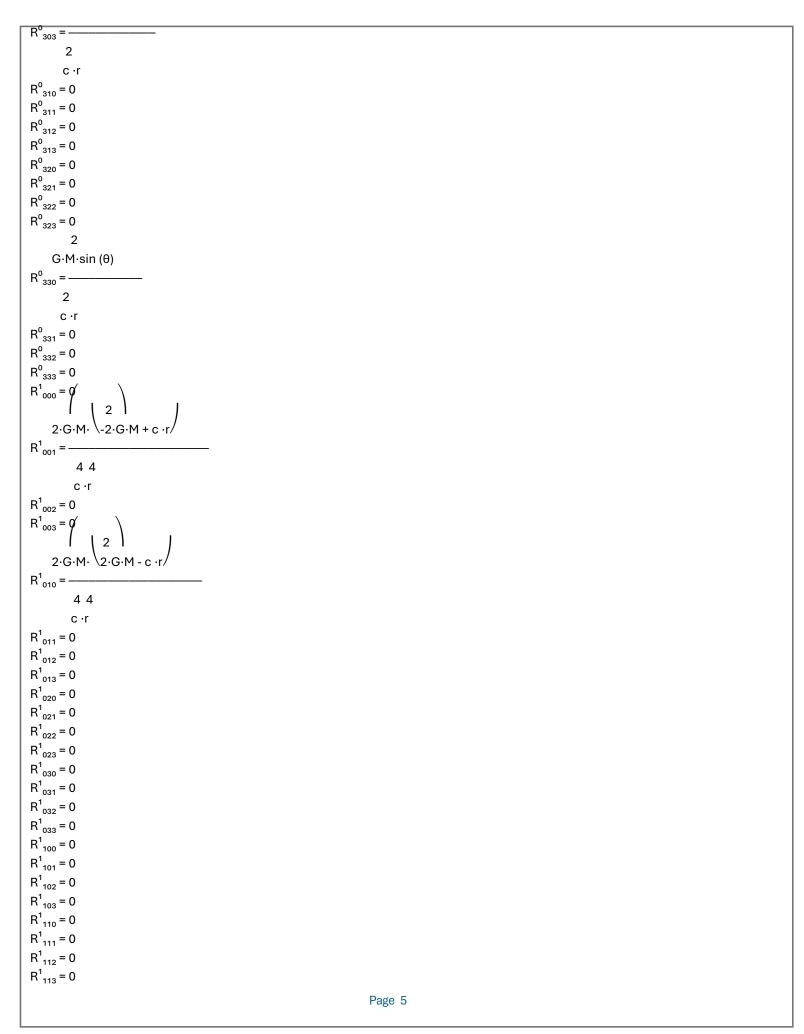
Metric tensor coefficients (dd) _____ 2·G·M g₀₀ = - -----+ 1 2 c ·r $g_{01} = 0$ $g_{02} = 0$ $g_{03} = 0$ $g_{10} = 0$ -1 g₁₁ = ---2·G·M ----+1 2 c·r $g_{12} = 0$ $g_{13} = 0$ $g_{20} = 0$ $g_{21} = 0$ 2 $g_{22} = -r$ $g_{23} = 0$ $g_{30} = 0$ $g_{31} = 0$ $g_{32} = 0$ 2 2 $g_{33} = -r \cdot \sin(\theta)$ Connection coefficients (udd) _____ $\Gamma_0^{00} = 0$ G·M r· \-2·G·M + c ·r/ $\Gamma^{0}_{02} = 0$ $L_0^{03} = 0$ G·M r· \-2·G·M + c ·r/ $\Gamma^{0}_{11} = 0$ $\Gamma^{0}_{12} = 0$ $\Gamma^{0}_{13} = 0$ $\Gamma^{0}_{20} = 0$ $\Gamma^{0}_{21} = 0$

 $\Gamma^{0}_{22} = 0$ $\Gamma^{0}_{23} = 0$ $\Gamma^{0}_{30} = 0$

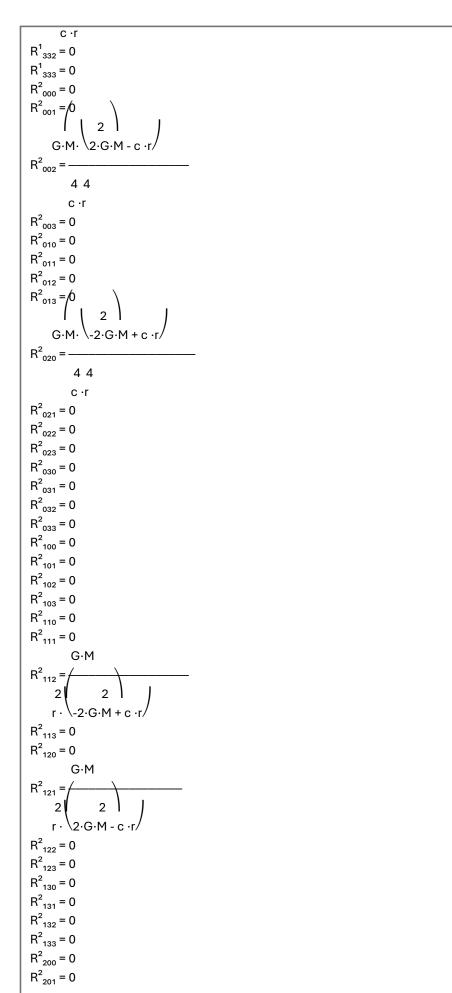
```
\Gamma^{2}_{21} = -
    r
\Gamma^{2}_{22} = 0
\Gamma^{2}_{23} = 0
\Gamma^{2}_{30} = 0
\Gamma^2_{31} = 0
\Gamma^2_{32} = 0
\Gamma^2_{33} = -\sin(\theta) \cdot \cos(\theta)
L_3^{00} = 0
\Gamma^{3}_{01} = 0
\Gamma^{3}_{02} = 0
L_3^{03} = 0
\Gamma^{3}_{10} = 0
\Gamma^3_{11} = 0
\Gamma^{3}_{12} = 0
     1
\Gamma^{3}_{13} = -
     r
\Gamma^{3}_{20} = 0
\Gamma^{3}_{21} = 0
\Gamma^{3}_{22} = 0
     cos(\theta)
Γ<sup>3</sup><sub>23</sub> = —
      sin(\theta)
L_3^{30} = 0
     1
\Gamma^{3}_{31} = -
      cos(\theta)
Γ<sup>3</sup><sub>32</sub> = ---
     sin(\theta)
\Gamma_{3}^{3} = 0
Riemann curvature tensor coefficients (uddd)
_____
R^{0}_{000} = 0
```

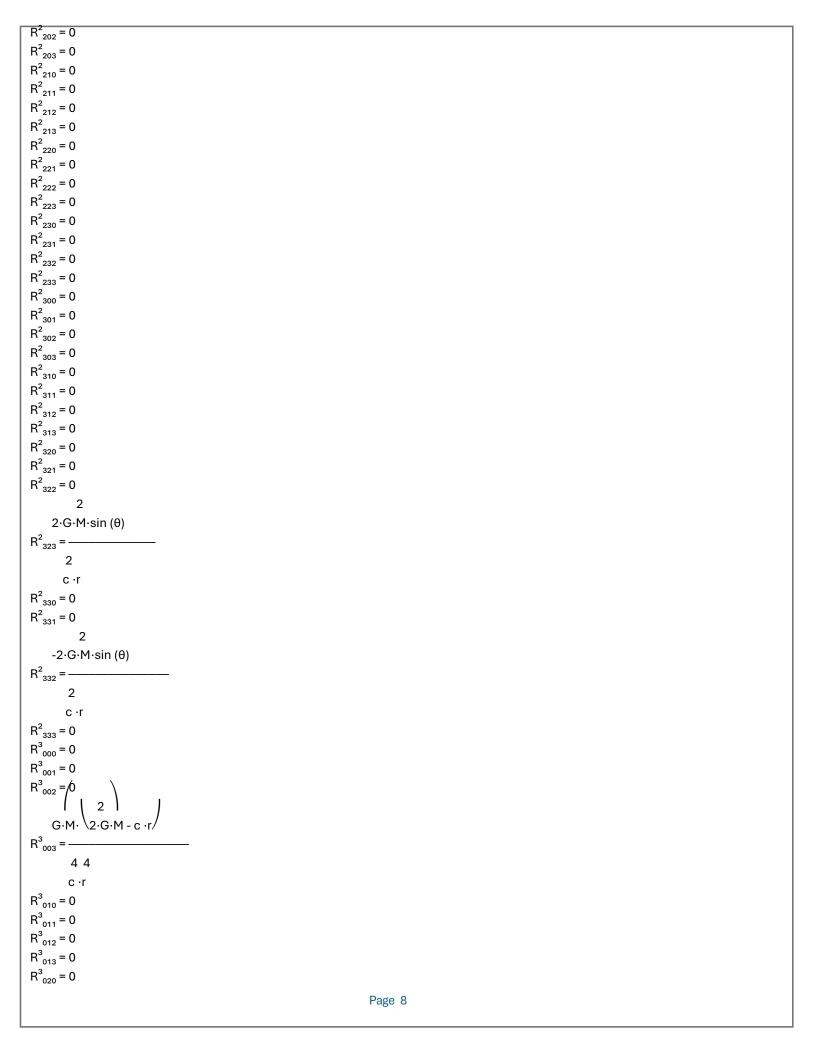
```
R^{0}_{001} = 0
R^0_{002} = 0
R^{0}_{003} = 0
R^{0}_{010} = 0
R^{0}_{011} = 0
R^0_{012} = 0
R^0_{013} = 0
R^0_{020} = 0
R^0_{021} = 0
R^0_{022} = 0
R^0_{023} = 0
R^{0}_{030} = 0
R^0_{031} = 0
```

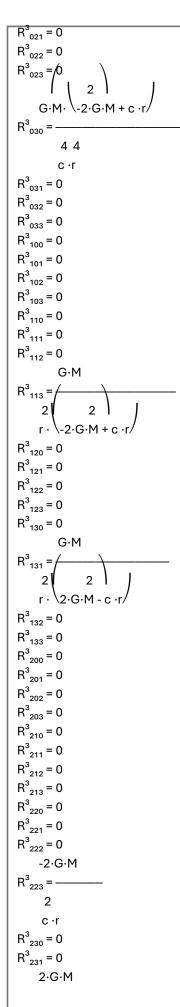




Г	$R_{120}^{\dagger} = 0$	1
	$R_{121}^{1} = 0$	l
	$R_{122}^1 = 0$	l
	$R_{123}^{1} = 0$	l
	$R_{130}^1 = 0$	l
	$R_{131}^1 = 0$	l
	$R_{132}^{1} = 0$	l
	$R_{133}^{1} = 0$	l
	$R^{1}_{200} = 0$	l
	$R_{201}^1 = 0$	l
	$R_{202}^1 = 0$	l
	$R^{1}_{203} = 0$	l
	$R_{210}^1 = 0$	l
	$R_{211}^1 = 0$	l
	-G∙M	l
	$R_{212}^1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







R³₂₃₂ = -2 c·r $R_{233}^3 = 0$ $R_{300}^3 = 0$ $R_{301}^3 = 0$ $R_{302}^3 = 0$ $R_{303}^3 = 0$ $R_{310}^3 = 0$ $R_{311}^3 = 0$ $R_{312}^3 = 0$ $R_{313}^3 = 0$ $R_{320}^3 = 0$ $R_{321}^3 = 0$ $R_{322}^3 = 0$ $R_{323}^3 = 0$ $R_{330}^3 = 0$ $R_{331}^3 = 0$ $R_{332}^3 = 0$ $R_{333}^3 = 0$ 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) G·M· \2·G·M - c ·r/ P₀₀ = --4 3 c ·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)	
$G_{00} = 0$	
$G_{01} = 0$	
$G_{02} = 0$	
$G_{03} = 0$	
$G_{10} = 0$	
$G_{11} = 0$	
$G_{12} = 0$	
$G_{13} = 0$	
$G_{20} = 0$	
$G_{21} = 0$	
$G_{22} = 0$	
$G_{23} = 0$	
$G_{30} = 0$	
$G_{31} = 0$	
$G_{32} = 0$	
$G_{33} = 0$	
33	
Stress-energy-momentum tensor coefficients (dd)	
=======================================	
$T_{00} = 0$	
$T_{01} = 0$	
$T_{02} = 0$	
$T_{03} = 0$	
$T_{10} = 0$	
$T_{11} = 0$	
$T_{12} = 0$	
$T_{13} = 0$	
$T_{13} = 0$ $T_{20} = 0$	
- 20 -	
	Dogo 11

```
T_{21} = 0
T_{22} = 0
T_{23} = 0
T_{30} = 0
T_{31} = 0
T_{32} = 0
T_{33} = 0
```

Proper acceleration vectors

```
_____
2
d
---(t) = 0
2
dτ
2
d
---(r) = 0
2
dτ
2
d
---(\theta) = 0
2
dτ
2
---(\varphi) = 0
2
dτ
```

Coordinate acceleration vectors

2
d
$$\frac{d}{d} = \frac{d}{d} =$$

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

Geodesic deviation vectors

d (5)

 $---(\xi_2) = 0$

dτ 2

2

 $\frac{d}{---(\xi_3)} = 0$

dτ