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Andere Kugelkoordinaten:
       x^0 = r.
     x^1 = a.
     x^2 = b.
     g_{00} = \frac{b^2 r^2 \sin(\frac{a}{r})^2 + b^2 a^2 \cos(\frac{a}{r})^2 + a^2 r^2 \sin(\frac{a}{r})^2 + r^4 \sin(\frac{a}{r})^2 - 2b^2 a r \cos(\frac{a}{r}) \sin(\frac{a}{r})}{r^4 \sin(\frac{a}{r})^2}.
     g_{01} = -\frac{b^2 a \cos(\frac{a}{r})^2 + ar^2 \sin(\frac{a}{r})^2 - b^2 r \cos(\frac{a}{r}) \sin(\frac{a}{r})}{r^3 \sin(\frac{a}{r})^2}.
     g_{02} = \frac{b(a\cos(\frac{a}{r}) - r\sin(\frac{a}{r}))}{r^2\sin(\frac{a}{r})}.
  g_{10} = -\frac{b^2 a \cos(\frac{a}{r})^2 + ar^2 \sin(\frac{a}{r})^2 - b^2 r \cos(\frac{a}{r}) \sin(\frac{a}{r})}{r^3 \sin(\frac{a}{r})^2}.
g_{11} = \frac{r^2 \sin(\frac{a}{r})^2 + b^2 \cos(\frac{a}{r})^2}{r^2 \sin(\frac{a}{r})^2}.
    g_{20} = \frac{b(a\cos(\frac{a}{r}) - r\sin(\frac{a}{r}))}{r^2\sin(\frac{a}{r})}.
    g_{21} = -\frac{b\cos(\frac{a}{r})}{r\sin(\frac{a}{r})}.
     g_{22} = 1.
 \sqrt{-\det(g_{\mu\nu})}
     \sqrt{=i}.
  g^{00} = 1.
g^{01} = \frac{a}{r}.
g^{02} = \frac{b}{r}.
g^{10} = \frac{a}{r}.
g^{11} = \frac{a^2 + r^2}{r^2}.
g^{12} = \frac{br\cos(\frac{a}{r}) + ba\sin(\frac{a}{r})}{r^2\sin(\frac{a}{r})}.
g^{20} = \frac{b}{r}.
g^{21} = \frac{br\cos(\frac{a}{r}) + ba\sin(\frac{a}{r})}{r^2\sin(\frac{a}{r})}.
g^{22} = \frac{r^2\sin(\frac{a}{r})^2 + b^2\sin(\frac{a}{r})^2}{r^2\sin(\frac{a}{r})^2}.
    \Gamma_{00}^{0} = -\frac{b^{2}r^{2}\sin(\frac{a}{r})^{2} + b^{2}a^{2}\cos(\frac{a}{r})^{2} + a^{2}r^{2}\sin(\frac{a}{r})^{2} - 2b^{2}ar\cos(\frac{a}{r})\sin(\frac{a}{r})}{r^{5}\sin(\frac{a}{r})^{2}}.
\Gamma_{01}^{0} = \frac{b^{2}a\cos(\frac{a}{r})^{2} + ar^{2}\sin(\frac{a}{r})^{2} - b^{2}r\cos(\frac{a}{r})\sin(\frac{a}{r})}{r^{4}\sin(\frac{a}{r})^{2}}.
     \Gamma_{02}^{0} = \frac{br\sin(\frac{a}{r}) - ba\cos(\frac{a}{r})}{r^{3}\sin(\frac{a}{r})}.
     \Gamma_{10}^{0} = \frac{b^2 a \cos(\frac{a}{r})^2 + ar^2 \sin(\frac{a}{r})^2 - b^2 r \cos(\frac{a}{r}) \sin(\frac{a}{r})}{r^4 \sin(\frac{a}{r})^2}.
     \Gamma_{11}^{0} = -\frac{r^2 \sin(\frac{a}{r})^2 + b^2 \cos(\frac{a}{r})^2}{r^3 \sin(\frac{a}{r})^2}.
     \Gamma_{00}^{1} = -\frac{b^{2}a^{3}\cos(\frac{a}{r})^{2}\sin(\frac{a}{r}) + a^{3}r^{2}\sin(\frac{a}{r})^{3} - 2b^{2}a^{2}r\cos(\frac{a}{r})\sin(\frac{a}{r})^{2} + b^{2}a^{2}r\cos(\frac{a}{r})^{3} + b^{2}ar^{2}\sin(\frac{a}{r})^{3} + b^{2}r^{3}\cos(\frac{a}{r})\sin(\frac{a}{r})^{2} - 2b^{2}ar^{2}\cos(\frac{a}{r})\sin(\frac{a}{r})^{2}}{r^{6}\sin(\frac{a}{r})^{3}}.
     \Gamma_{01}^{1} = \frac{b^{2}ar\cos(\frac{a}{r})^{3} + a^{2}r^{2}\sin(\frac{a}{r})^{3} + b^{2}a^{2}\cos(\frac{a}{r})^{2}\sin(\frac{a}{r}) - b^{2}ar\cos(\frac{a}{r})\sin(\frac{a}{r})^{2} - b^{2}r^{2}\cos(\frac{a}{r})^{2}\sin(\frac{a}{r})}{r^{5}\sin(\frac{a}{r})^{3}}.
     \Gamma_{02}^{1} = \frac{br^{2}\cos(\frac{a}{r})\sin(\frac{a}{r}) - bar\cos(\frac{a}{r})^{2} - ba^{2}\cos(\frac{a}{r})\sin(\frac{a}{r}) + bar\sin(\frac{a}{r})^{2}}{r^{4}\sin(\frac{a}{r})^{2}}.
 \Gamma_{10}^{1} = \frac{b^{2}ar\cos(\frac{a}{r})^{3} + a^{2}r^{2}\sin(\frac{a}{r})^{3} + b^{2}a^{2}\cos(\frac{a}{r})^{2}\sin(\frac{a}{r}) - b^{2}ar\cos(\frac{a}{r})\sin(\frac{a}{r})^{2} - b^{2}r^{2}\cos(\frac{a}{r})^{2}\sin(\frac{a}{r})}{r^{5}\sin(\frac{a}{r})^{3}}.
\Gamma_{11}^{1} = -\frac{ar^{2}\sin(\frac{a}{r})^{3} + b^{2}a\cos(\frac{a}{r})^{2}\sin(\frac{a}{r}) + b^{2}r\cos(\frac{a}{r})^{3}}{r^{4}\sin(\frac{a}{r})^{3}}.
\Gamma_{12}^{1} = \frac{ba\cos(\frac{a}{r})\sin(\frac{a}{r}) + br\cos(\frac{a}{r})^{2}}{r^{3}\sin(\frac{a}{r})^{2}}.
\Gamma_{20}^{1} = \frac{br^{2}\cos(\frac{a}{r})\sin(\frac{a}{r}) - bar\cos(\frac{a}{r})^{2} - ba^{2}\cos(\frac{a}{r})\sin(\frac{a}{r}) + bar\sin(\frac{a}{r})^{2}}{r^{4}\sin(\frac{a}{r})^{2}}.
ba\cos(\frac{a}{r})\sin(\frac{a}{r}) + br\cos(\frac{a}{r})^{2}
   \Gamma_{21}^{1} = \frac{ba\cos(\frac{a}{r})\sin(\frac{a}{r}) + br\cos(\frac{a}{r})^{2}}{r^{3}\sin(\frac{a}{r})^{2}}.
     \Gamma_{22}^1 = -\frac{a\sin(\frac{a}{r}) + r\cos(\frac{a}{r})}{r^2\sin(\frac{a}{r})}.
     \Gamma_{00}^2 = \frac{2b^3ar\cos(\frac{a}{r})\sin(\frac{a}{r})^3 - b^3r^2\sin(\frac{a}{r})^4 + 2b^3ar\cos(\frac{a}{r})^3\sin(\frac{a}{r}) - b^3a^2\cos(\frac{a}{r})^2\sin(\frac{a}{r})^2 - b^3r^2\cos(\frac{a}{r})^2\sin(\frac{a}{r})^2 - b^3a^2\cos(\frac{a}{r})^4}{r^6\sin(\frac{a}{r})^4}.
     \Gamma_{01}^2 = \frac{b^3 a \cos(\frac{a}{r})^4 - b^3 r \cos(\frac{a}{r})^3 \sin(\frac{a}{r}) + b^3 a \cos(\frac{a}{r})^2 \sin(\frac{a}{r})^2 - b^3 r \cos(\frac{a}{r}) \sin(\frac{a}{r})^3}{r^5 \sin(\frac{a}{r})^4}.
     \Gamma_{02}^2 = \frac{b^2 r \cos(\frac{a}{r})^2 \sin(\frac{a}{r}) - b^2 a \cos(\frac{a}{r})^3 + b^2 r \sin(\frac{a}{r})^3 - b^2 a \cos(\frac{a}{r}) \sin(\frac{a}{r})^2}{r^4 \sin(\frac{a}{r})^3}.
     \Gamma_{10}^{2} = \frac{b^{3}a\cos(\frac{a}{r})^{4} - b^{3}r\cos(\frac{a}{r})^{3}\sin(\frac{a}{r}) + b^{3}a\cos(\frac{a}{r})^{2}\sin(\frac{a}{r})^{2} - b^{3}r\cos(\frac{a}{r})\sin(\frac{a}{r})^{3}}{r^{5}\sin(\frac{a}{r})^{4}}.
    \Gamma_{11}^2 = -\frac{b^3 \cos(\frac{a}{r})^4 + b^3 \cos(\frac{a}{r})^2 \sin(\frac{a}{r})^2}{r^4 \sin(\frac{a}{r})^4}.
    \Gamma_{12}^2 = \frac{b^2 \cos(\frac{a}{r}) \sin(\frac{a}{r})^2 + b^2 \cos(\frac{a}{r})^3}{r^3 \sin(\frac{a}{r})^3}.
  \Gamma_{20}^2 = \frac{b^2 r \cos(\frac{a}{r})^2 \sin(\frac{a}{r}) - b^2 a \cos(\frac{a}{r})^3 + b^2 r \sin(\frac{a}{r})^3 - b^2 a \cos(\frac{a}{r}) \sin(\frac{a}{r})^2}{r^4 \sin(\frac{a}{r})^3}.
\Gamma_{21}^2 = \frac{b^2 \cos(\frac{a}{r}) \sin(\frac{a}{r})^2 + b^2 \cos(\frac{a}{r})^3}{r^3 \sin(\frac{a}{r})^3}.
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 $R^0_{0} = 0.$  $R_1^0 = 0.$  $R_{2}^{0} = 0.$  $R_{1}^{1} = 0.$  $R_{2}^{1} = 0.$  $R_0^2 = 0.$  $R_1^2 = 0.$  $R^2_2 = 0.$ R = 0. $G^0_0 = 0.$  $G^0_{\ 1} = 0.$  $G_2^0 = 0.$  $G_0^1 = 0.$  $G^1_{\ 1}=0.$  $G^1_{\ 2} = 0.$  $G_0^2 = 0.$  $G_1^2 = 0.$  $G_2^2 = 0.$ G=0. $G^{\mu}_{\ \nu:\mu}=0$  $G^{\mu}_{0:\mu} = 0.$  $G^{\mu}_{1:\mu} = 0.$  $G^{\mu}_{2:\mu} = 0.$  $g^{\mu\nu} \, \Gamma^{\lambda}_{\mu\nu} = 0?$ 

 $g^{\mu\nu}\Gamma^{0}_{\mu\nu} = -2\frac{b^{4}a^{2}\cos(\frac{\pi}{c})^{4}}{r^{7}\sin(\frac{\pi}{c})^{4}} - 3\frac{b^{2}}{r^{7}} + 4\frac{b^{4}a\cos(\frac{\pi}{c})^{2}}{r^{7}\sin(\frac{\pi}{c})^{4}} - 3\frac{b^{2}\cos(\frac{\pi}{c})^{2}}{r^{7}\sin(\frac{\pi}{c})^{4}} - 3\frac{b^{2}\cos(\frac{\pi}{c})^{2}}{r^{7}\sin(\frac{\pi}{c})^{4}} - 3\frac{b^{2}\cos(\frac{\pi}{c})^{2}}{r^{7}\sin(\frac{\pi}{c})^{4}} - 3\frac{b^{2}\cos(\frac{\pi}{c})^{2}}{r^{7}\sin(\frac{\pi}{c})^{4}} - 3\frac{b^{2}\cos(\frac{\pi}{c})^{2}}{r^{7}\sin(\frac{\pi}{c})^{4}} - 3\frac{b^{2}\cos(\frac{\pi}{c})^{2}}{r^{7}\sin(\frac{\pi}{c})^{2}} - 2\frac{b^{2}a^{4}\cos(\frac{\pi}{c})^{2}}{r^{7}\sin(\frac{\pi}{c})^{2}} - 2\frac{b^{4}a^{2}\cos(\frac{\pi}{c})^{2}}{r^{7}\sin(\frac{\pi}{c})^{2}} - 2\frac{b^{4}a^{$ 

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