$$\Gamma^{\mathrm{r}}_{\mathrm{tt}} = -rac{\mathrm{M}\left(\mathrm{a}^2+\mathrm{r}\left(-2\,\mathrm{M}+\mathrm{r}
ight)
ight)\left(-\mathrm{r}^2+\mathrm{a}^2\,\mathrm{Cos}\left[\mathrm{th}
ight]^2
ight)}{\left(\mathrm{r}^2+\mathrm{a}^2\,\mathrm{Cos}\left[\mathrm{th}
ight]^2
ight)^3}$$

$$\Gamma_{rr}^{r} = \frac{r \left(a^2 - M r\right) + a^2 \left(M - r\right) \cos \left[th\right]^2}{\left(a^2 + r \left(-2 M + r\right)\right) \left(r^2 + a^2 \cos \left[th\right]^2\right)}$$

$$\Gamma^{r}_{\theta\theta} = -\frac{r \left(a^2 + r \left(-2 M + r\right)\right)}{r^2 + a^2 \cos \left\lceil th \right\rceil^2}$$

$$\Gamma_{\phi\phi}^{r} = -\frac{\left(a^{2} + r\;\left(-2\,M + r\right)\right)\,\sin[th]^{2}\,\left(r^{5} + a^{4}\,r\,\cos[th]^{4} - a^{2}\,M\,r^{2}\,\sin[th]^{2} + \cos[th]^{2}\,\left(2\,a^{2}\,r^{3} + a^{4}\,M\,\sin[th]^{2}\right)\right)}{\left(r^{2} + a^{2}\,\cos[th]^{2}\right)^{3}}$$

$$\Gamma^{
m r}_{m{arphi}t} = rac{{
m a\,M\,\left(a^2+r\,\left(-2\,M+r
ight)\,
ight)\,\left(-r^2+a^2\,{
m Cos}\,{
m [th]}^2
ight)}{\left(r^2+a^2\,{
m Cos}\,{
m [th]}^2
ight)^3}$$

$$\Gamma^{r}_{ heta r} = -rac{a^2 \cos \left[h
ight] \sin \left[h
ight]}{r^2 + a^2 \cos \left[h
ight]^2}$$

$$\Gamma_{
m tt}^{ heta} = -rac{2\,{
m a}^2\,{
m M}\,{
m r}\,{
m Cos}\,{
m [th]}\,{
m Sin}\,{
m [th]}}{\left({
m r}^2+{
m a}^2\,{
m Cos}\,{
m [th]}^2
ight)^3}$$

$$\Gamma_{rr}^{ heta} = rac{a^2 \cos \left[h
ight] \sin \left[h
ight]}{\left(a^2 + r \left(-2 \,
m M + r
ight)
ight) \left(r^2 + a^2 \cos \left[h
ight]^2
ight)}$$

$$\Gamma_{\theta\theta}^{\theta} = -rac{a^2 \cos [h] \sin [h]}{r^2 + a^2 \cos [h]^2}$$

$$\begin{split} \Gamma^{\theta}_{\phi\phi} \, = \, & \, - \frac{1}{\left(r^2 + a^2 \, \text{Cos} \, [\text{th}]^2 \right)^3} \text{Cos} \, [\text{th}] \, \, \text{Sin} \, [\text{th}] \\ & \, \left(2 \, a^2 \, r^2 \, \left(a^2 + r^2 \right) \, \text{Cos} \, [\text{th}]^2 + a^4 \, \left(a^2 + r^2 \right) \, \text{Cos} \, [\text{th}]^4 + r \, \left(a^2 \, r^3 + r^5 + 4 \, a^2 \, \text{M} \, r^2 \, \text{Sin} \, [\text{th}]^2 + 2 \, a^4 \, \text{M} \, \text{Sin} \, [\text{th}]^4 + a^4 \, \text{M} \, \text{Sin} \, [\text{2} \, \text{th}]^2 \right) \right) \end{split}$$

$$\Gamma_{\phi t}^{ heta} = rac{\mathsf{aMr}\,(\mathsf{a}^2+\mathsf{r}^2)\,\mathsf{Sin}[2\,\mathsf{th}]}{(\mathsf{r}^2+\mathsf{a}^2\,\mathsf{Cos}[\mathsf{th}]^2)^3}$$

$$\Gamma_{\theta r}^{\theta} = \frac{r}{r^2 + a^2 \cos[th]^2}$$