$$\begin{cases}
x = Q \cos \varphi & \sin \theta \\
y = R \sin \varphi \cos \theta d\theta - 2 \sin \varphi \sin \theta d\varphi \\
y = R \sin \varphi \cos \theta d\theta - 2 \sin \varphi \sin \theta d\varphi \\
y = R \sin \varphi \cos \theta d\theta - 2 \sin \varphi \sin \theta d\varphi \\
y = R \sin \varphi \cos \theta d\theta - 2 \cos \varphi \sin \theta d\varphi \\
y = R \sin \varphi \cos \theta d\theta - 2 \cos \varphi \sin \theta d\varphi \\
y = R \sin \varphi \cos \theta d\theta - 2 \cos \varphi \sin \theta d\varphi \\
y = R \sin \varphi \cos \theta d\theta - 2 \cos \varphi \sin \varphi \cos \theta \sin \varphi d\varphi \\
y = R \sin \varphi \cos \theta d\theta - 2 \cos \varphi \sin \varphi \cos \theta \sin \varphi d\varphi \\
y = R d \theta^{2} + R \sin^{2} \theta d\varphi^{2} + R \sin^{2} \theta d\varphi^{2} + 2 \cos \varphi \sin \varphi \cos \theta \sin \varphi d\varphi \\
y = \left[\frac{R^{2}}{R^{2}} - \frac{Q}{Q} \right] - \left[\frac{R^{2}}{R^{2}} - \frac{Q}{Q} \right] - \left[\frac{R^{2}}{R^{2}} - \frac{Q}{R^{2}} -$$

$$\frac{1}{1} \int_{A}^{1} \frac{1}{1} \int_$$

 $\frac{1}{1\lambda}\left(\frac{1\lambda}{\lambda}\right) - \frac{1}{2}\sin\left(\frac{1\lambda}{\lambda}\right) = 0$ 2) 1/2 x + 2 cot (=) 1/2 /= 0

$$x^{2}+y^{2}=r^{2}=z^{2}\tan^{2}\theta \quad \theta \in]0; \frac{5i}{2}[$$

$$x = r\cos \phi \quad dx = \cos \phi dr - rsn\phi d\phi$$

$$y = rsn\phi \quad dy = sn\phi dr + r\cos \phi d\phi$$

$$z = r\cot \theta \quad dz = \cot \theta dr$$

$$+ \sin^{2}\phi dr^{2} + 2r\cos \phi sn\phi dr d\phi + r^{2}\sin^{2}\phi d\phi^{2}$$

$$+ \cot^{2}\theta dr^{2} = r^{2}d\phi^{2} + \csc^{2}\theta dr^{2}$$

$$y = r r r r \varphi$$

$$y = r$$

$$g = dx^{2} + dy^{2} + dz^{2} = \cos^{2}\varphi \, dx^{2} - 2x\cos\varphi \, sn\varphi$$

$$+ \sin^{2}\varphi \, dx^{2} + 2x\cos\varphi \, sn\varphi$$

$$+ \cot^{2}\theta \, dx^{2} = x^{2}d\varphi^{2} + c$$

$$9i\delta = \begin{bmatrix} \csc^{2}\theta & 0 \\ 0 & x^{2} \end{bmatrix}$$

$$\int_{11}^{2} = 0$$

$$\int_{22}^{2} = -rscc^{2}\theta$$

$$\int_{12}^{2} = 0$$

$$\int_{12}^{2} = \int_{21}^{2} = 0$$

$$\int_{12}^{2} = \int_{22}^{2} = \frac{2}{r}$$

$$\frac{d^{2}x^{k}}{dx^{2}} + \int_{ij}^{ik} \frac{dx^{j}}{dx} \frac{dx^{j}}{dx} = 0$$

$$(1) \frac{d^{2}r}{dx^{2}} - r \sec^{2}\theta \left(\frac{d\varphi}{dx}\right)^{2} = 0$$

$$2) \frac{d^{2}\varphi}{dx^{2}} + \frac{2}{r} \left(\frac{d\varphi}{dx}\right) \left(\frac{dr}{dx}\right) = 0$$

$$\dot{r} = r \sec^{2}\theta \dot{\varphi}^{2}$$

$$\dot{\varphi} = \frac{2}{r} \dot{\varphi} \dot{r}$$

$$\dot{r} = \frac{1}{r} \sec^2 \theta A^2 r^4$$

$$\dot{r} = \omega^2 r^3$$

$$\dot{r} = \omega^2 r^3 \dot{r}$$

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