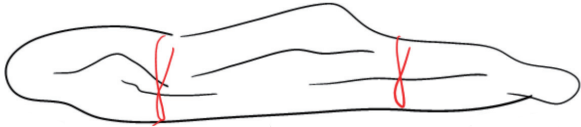


X 

$$\mathcal{H}^3/G_1$$

$$\mathbb{T}^2$$

$$\mathbb{R}^3/\mathbb{Z}^2$$

$$\mathbb{T}^2$$

$$\widetilde{\mathrm{SL}_2(\mathbb{R})}/G_2$$

$$X = \mathcal{H}^3/G_1 \sqcup \mathbb{T}^2$$

$$\sqcup$$

$$\mathbb{R}^3/\mathbb{Z}^2$$

$$\sqcup$$

$$\mathbb{T}^2$$

$$\sqcup$$

$$\widetilde{\mathrm{SL}_2(\mathbb{R})}/G_2$$