

$$\text{Jac}_{\mathbb{R}}(\Sigma) = \frac{\mathbb{R}^g}{\mathbb{Z}^g}$$

$$g_{\lambda} = \begin{pmatrix} \mu & 0 \\ 0 & \mu^{-1} \end{pmatrix}$$

$$S_{\lambda=1} = 1 \Leftrightarrow \log \mu \in i\pi\mathbb{Z}$$

$$\frac{d}{d\lambda} S_{\lambda=1} = 0 \Leftrightarrow d \log \mu = 0 \Big|_{\lambda=1}$$

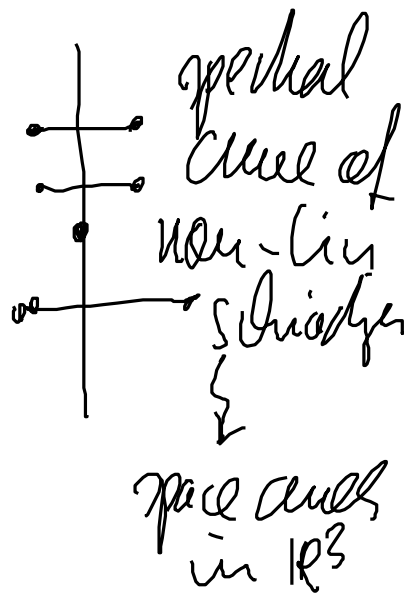
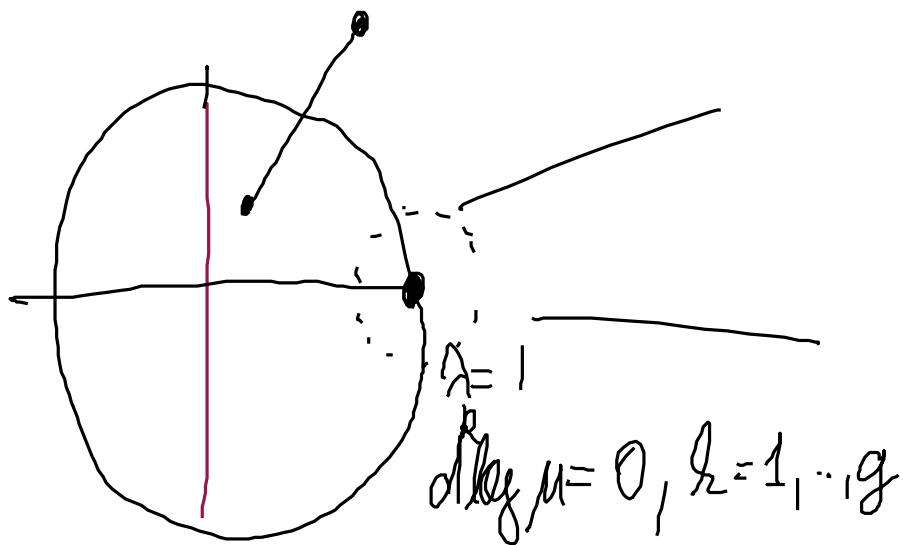
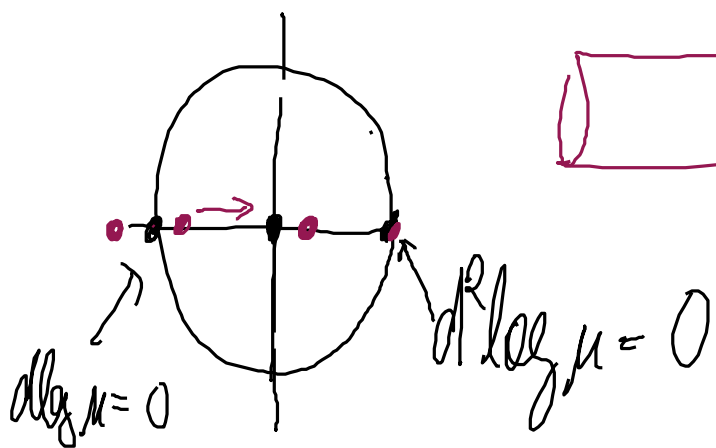
Param:  $2g$   
 conditions:  $2(g-2) + 2 + 2$  } special cases  
 for CMC tori  
 are isolated



Idea: bend a CMC-cylinder  
 into the space curve shape.

$$2g - ((g-2) + 1 + 1) = g$$

part = conditions



CMC-cylinder  $g_{cyl}$  } CMC-Torus  
 "soul"-curve :  $g_{soul}$  }  $g = g_c + g_s + 1$   
 $1 + g_s \leq g_c$