

~~toric~~
~~hy-~~
~~për-~~
~~käh-~~
~~ler-~~
~~man-~~
~~fold~~
~~?~~
~~va-~~
~~ri-~~
~~eties~~
~~?~~

~~ä~~ ä
~~ä~~
~~man-~~
~~fold~~
 (M,g)
 J_1,J_2,J_3
 $_1(v,w)=g(J_1v,w),_2(v,w)=(J_2v,w),_3(v,w)=g(J_3v,w),$

(g,J_i,w_i)

\overline{M}
 $1,2,3$
 $^+_2$
 $\sqrt{-1}_3$
 J_1
~~holo-~~
~~phic~~
~~sym-~~
~~plec-~~
~~tjc~~
 J_1
 $\stackrel{=}{\vdots}_1$
 $\stackrel{=}{\vdots}_2$
 $+\sqrt{-1}_3$

G
 \overline{M}
~~hy-~~
~~për-~~
~~hamil-~~
~~to-~~
~~nian~~

G
 $\mu_{HK}:=\mu\oplus\mu\longrightarrow g^*\oplus g^*.$

~~quo-~~
~~tient~~
~~?~~

\overline{M}
 \overline{G}
 μ_1,μ_2,μ_3
 $\xi=$
 $\xi\oplus$
 ξ
 μ_{HK}
 \overline{G}
 $\mu_{HK}^{-1}(\xi)/G$
 \overline{M}
 $\overline{M}_\varepsilon\overline{G}:=$
 $\mu_{HK}^{-1}(\xi)/G$
 ξ
 ξ
 ξ

$\mu_{HK}^{-1}(\xi)$
 \overline{G}
 $\mu_{HK}^{-1}(\xi)$

~~orb-~~
~~ifold~~
 \overline{M}
 \overline{T}_{*n}
 \overline{G}
 T_{*n}
 \overline{G}
 \overline{n}

$\mu\mathrel{\mathop:}^n\rightarrow$
 q^*_n

T^{*n}
 J_1
 \overline{n}

\overline{i}
 J_1
 \overline{T}_{*n}
 T^{*n}
 \overline{n}

$\binom{n}{}^*$
 $\overline{}$

$d\eta$
 $\overline{\eta}$
 $\overline{T^{*n}}$
 \overline{G}