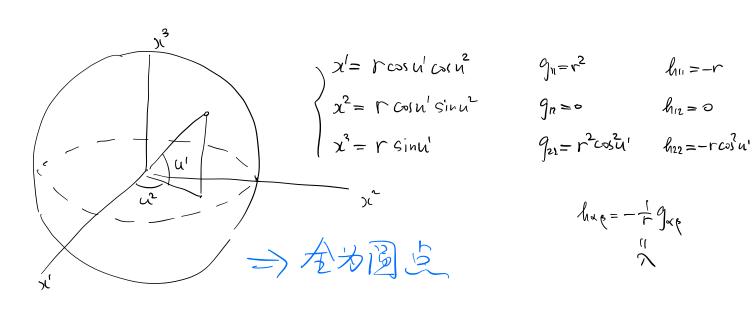
=> (x-x.).n=0 - PB



$$|A - \lambda I| = 0 \qquad |h_{a} \times f_{e}| = |h_{a} \times f_{e}| = 0$$

$$= |h_{a} - \lambda f_{a}| = 0$$

$$= |h_{a} - \lambda f_{a}| = |h_{a} - \lambda f_{a}| = 0$$

$$= |h_{a} - \lambda f_{a}| = |h_{a} - \lambda f_{a}| = 0$$

$$= |h_{a} - \lambda f_{a}| = |h_{a} - \lambda f_{a}| = 0$$

$$= |h_{a} - \lambda f_{a}| = |h_{a} - \lambda f_{a}| = 0$$

$$= |h_{a} - \lambda f_{a}| = |h_{a} - \lambda f_{a}| = 0$$

$$= |h_{a} - \lambda f_{a}| = |h_{a} - \lambda f_{a}| = 0$$

$$= |h_{a} - \lambda f_{a}| = |h_{a} - \lambda f_{a}| = 0$$

$$= |h_{a} - \lambda f_{a}| = |h_{a} - \lambda f_{a}| = 0$$

$$= |h_{a} - \lambda f_{a}| = |h_{a} - \lambda f_{a}| = 0$$

$$= |h_{a} - \lambda f$$

\$H≡O. 新南南州为极小城市

$$\frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} = \left(\frac{1}{2} \frac{1}{2$$

$$H = \left[\int \left(f(f')g' - fg'') - g'((f')^2 + (g')^2) \right) = 0$$

$$\text{then } \left(f(f')g' - fg'') - g'((f')^2 + (g')^2) \right) = 0$$

$$\text{Then } \left(f(f')g' - fg'') - g'((f')^2 + (g')^2) \right) = 0$$

$$\text{Then } \left(f(f')g' - fg'') - g'((f')^2 + (g')^2) \right) = 0$$

$$\text{Then } \left(f(f')g' - fg'') - g'((f')^2 + (g')^2) \right) = 0$$

$$\text{Then } \left(f(f')g' - fg'') - g'((f')^2 + (g')^2) \right) = 0$$

$$\text{Then } \left(f(f')g' - fg'') - g'((f')^2 + (g')^2) \right) = 0$$

$$\text{Then } \left(f(f')g' - fg'') - g'((f')^2 + (g')^2) \right) = 0$$

正螺南、 🗎 世是极小的



好得活着五名的。

 $\chi = \chi(s) = \chi(u'(s), u^2(s))$ C科的科局M上的由争战

Thm. (Rodriques.)

曲面上曲後 C:x(s)=x(以(s)) 为曲辛後的克罗条件为 习入(s)

 $dn(s) = -\lambda(s) dx(s)$

这时入的正是由面沿沟的建两率.

○为母章後、《 daun 为主多例 ß.

 $(2) \times \mathcal{N}(2) = (2) \times \mathcal{N}(2) \times \mathcal{N}(2)$

推介公式 |n|=1 >> nan=0 >> na=baxe. ba=?

- hra = xy na = bo xxxe = bo gra

- hraggo = bagge = bas = ba

 $-h_{\alpha} = b_{\alpha}^{\tau} \Rightarrow b_{\alpha} = -h_{\alpha}^{\tau}$

⇒ (na=-pa xe) — Weingarten \$ 13 €

 $\Rightarrow dn = n\alpha du^{\alpha} = -h^{\beta} \chi_{\beta} du^{\alpha} = -W(\chi_{\alpha}) du^{\alpha} = -W(d\chi)$

then. Rodrigues BAR /

若u! u? 线都为曲半线、 称 (u',u²) 为曲半线网、

Xi. Zi. 为主3向.

无礼主由年.

 $N(\chi \alpha) = f_{\alpha} \chi_{\alpha} \implies \int_{\alpha \beta} \int_{\beta} V(\chi_{\alpha}) d\beta = \int_{\beta} \int_{\alpha} \int_{\beta} V(\chi_{\alpha}) d\beta = \int_{\beta} \int_{\alpha} \int_{\beta} V(\chi_{\alpha}) d\beta$

$$= \begin{cases} h_{11} = k_1 q_{11} \\ h_{12} = k_2 q_{12} \end{cases}$$

I = kg, du,2+ kzg, du2,2

$$\Rightarrow k_1 = \frac{k_{11}}{g_{11}} \quad k_2 = \frac{k_{12}}{g_{12}}.$$