\mathbb{R}^3 $\mathbb{R}^2 = \mathbb{R}^3/\mathbb{R}^4$

ternas apogrados a,b,c ∈ P²
espacioles temporal
espacioles remporal

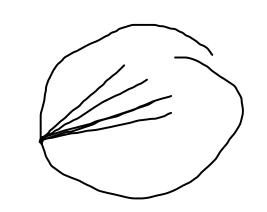
D' cono
asintotico

= Hq interior del disco A Klein-Beltrami-Proyectivo Hiperboloide-Cazvela Hyerbolka

Hiperboloide - Carvela Hyerbolka Esfera de vadio imaginario $|x|^2 = -1$



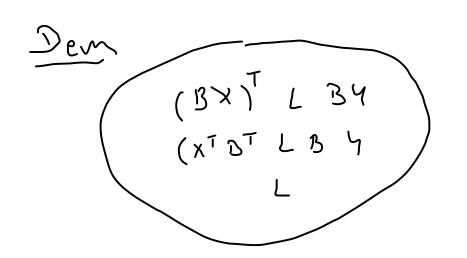




Def Une base {u,v,w} de R3 se dicc L-ortonormal, si son 2-ortogrundo por porgas y L-untonia

(Abs [4] [0], [w] E P2 cs we terma ortogonal
[ce] e temporal

Uha metriz es L-ortognal Si cotistace;



$$O(2,1) = \{ B \in GL(3) | B^TLB = L \}$$
 Grupo
 $Q(n) = O(n,0)$ $O(3,1)$

Afirmaciones. Preservoir L-forma adolatica

· Corros de nivel |X1 = de

$$\mathcal{H}(2) = \left\{ B \in O(2,1) \mid \mathcal{B}e_3 \cdot e_3 > 0 \right\}$$

$$B = (42W)$$
 WE H?

H(2) fijan hiperboloide monto 2>0

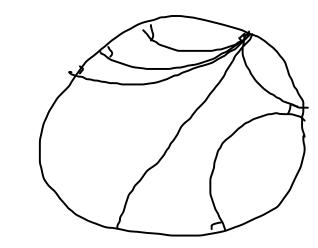
$$B \in \mathcal{H}(2) \subset GL(3)$$
 $B \in \mathcal{H}(2) \subset GL(3)$
 $B \in Pr(2)$
 $B \in Pr(2) \setminus P(2) = \{B \in Pr(2) \mid P(2) \mid$

 $B = \lambda B'$ $\lambda = \pm 1$

Prop =

Modelos de Poincoire

△ disco



Conformes

