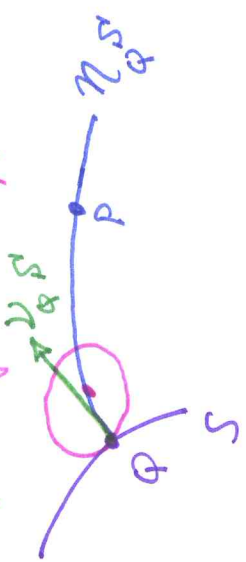
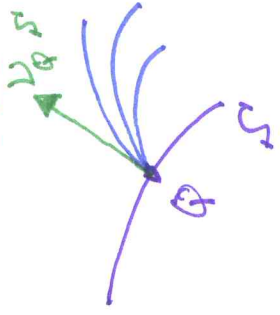


Metric normal in

- Riemannian geometry:

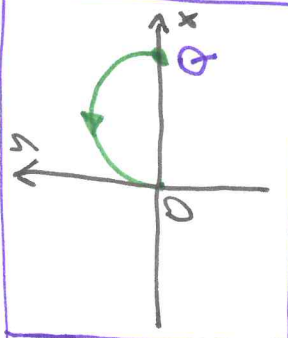
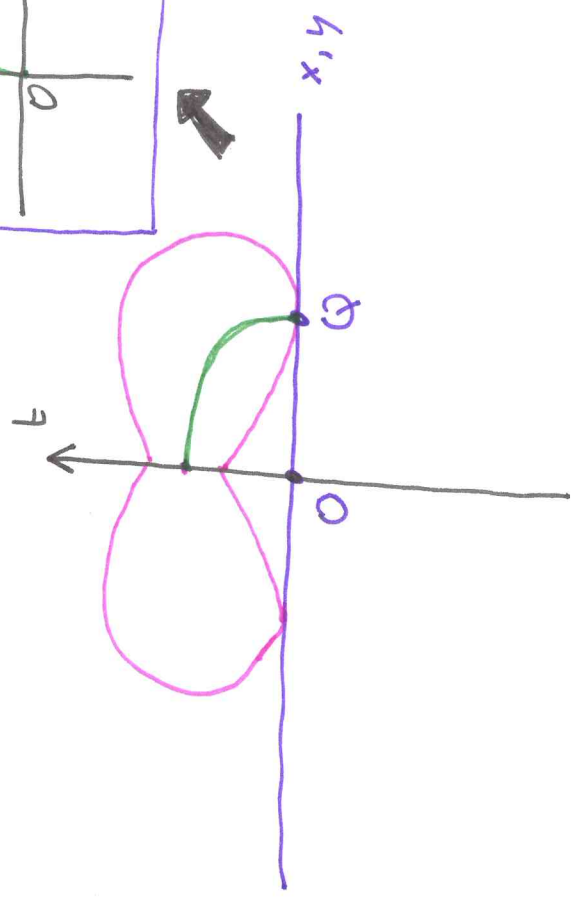


- Sub-Riemannian geometry:



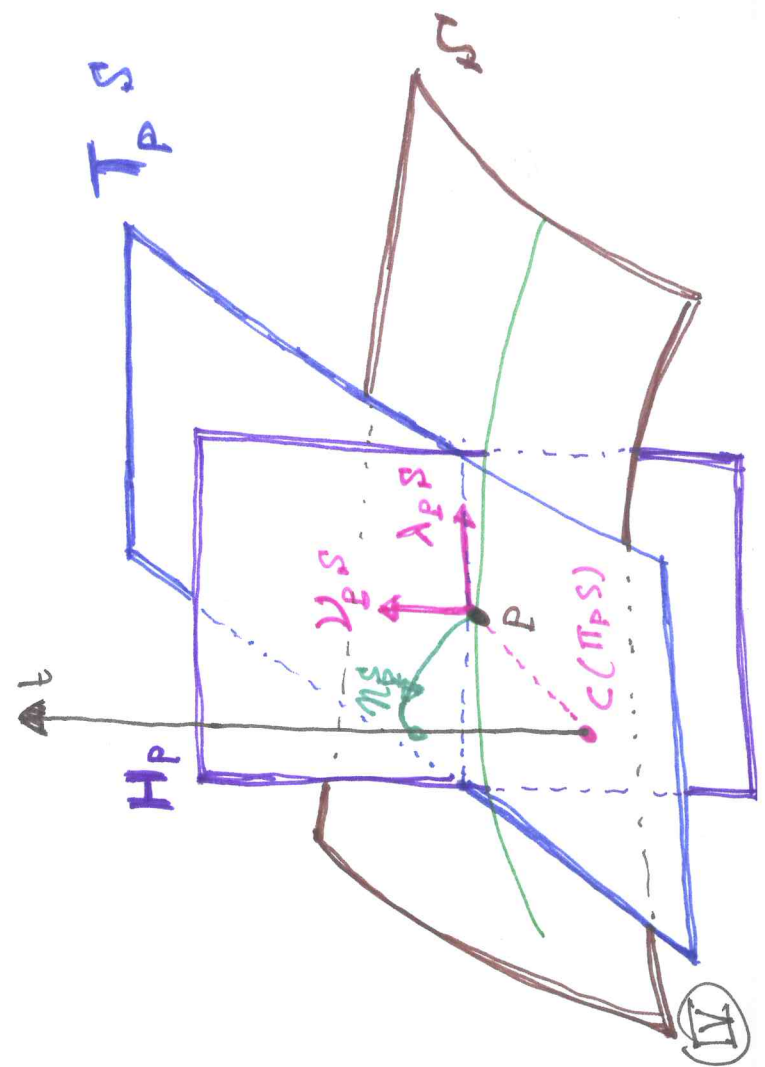
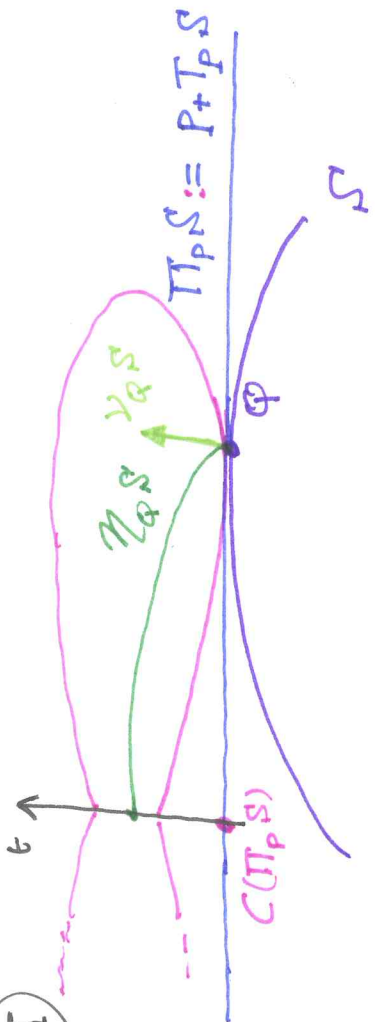
How do we find the right curve?

x, y - plane in \mathbb{H}^4 .



(I)

(II)



(IV)