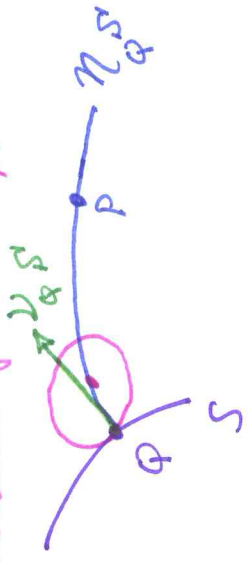
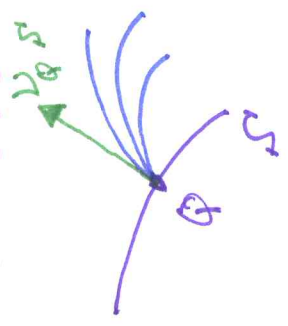


Metric normal in

- Riemannian geometry:



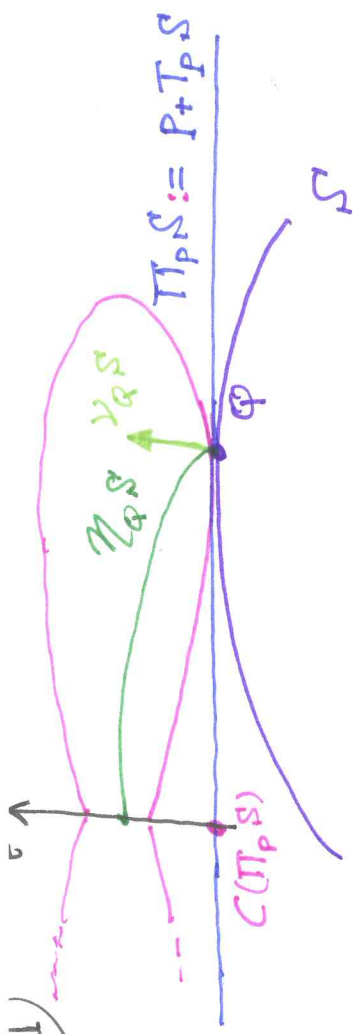
- Sub-Riemannian geometry:



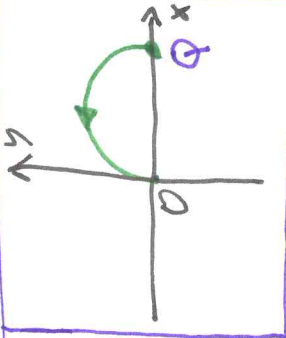
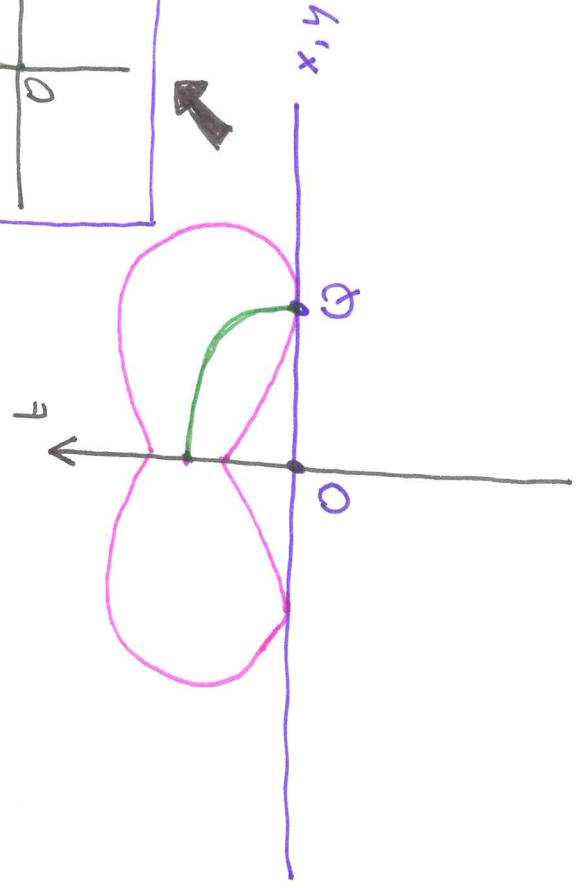
How do we find the right curve?

(I)

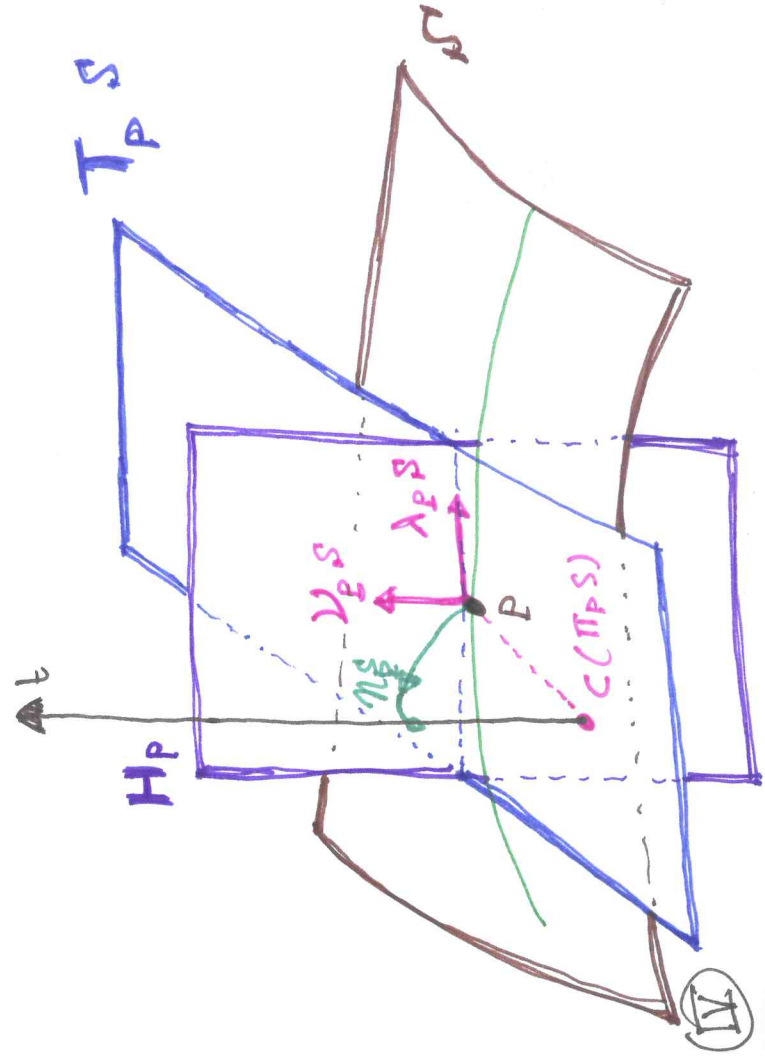
(III)



$x, y$  - plane in  $\mathbb{H}^1$ .



(II)



(IV)