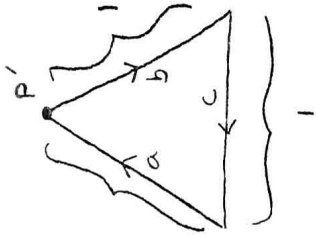
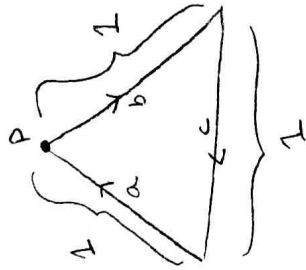


Hint



At a corner  $P$ . Can you create a geodesic loop surrounding  $P$ ? Could you do this at a point in  $\mathbb{E}^2$ ?