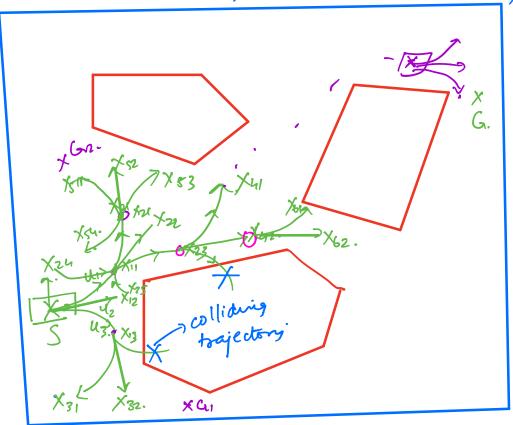
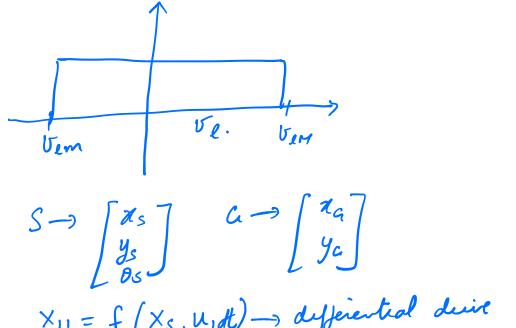
PRT -) bidue tronal RRT, RRT\*



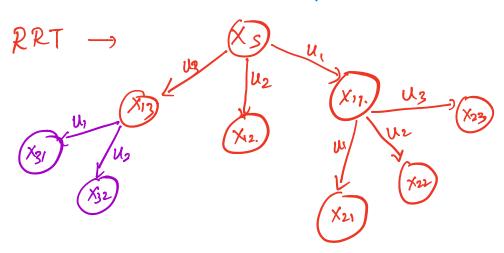
 $S, G \rightarrow Start$  and goal configuration  $G_1, G_2, \dots \rightarrow Start$  and goals  $V \rightarrow Start$  of feasible controls, we can discretize and represent it as  $V = [V_{e_1}, V_{e_1}], \dots, [V_{e_n}, V_{e_n}]$ where each  $V_i$  is S.t

## Um & Vi & UM

One can also think of the set as a diffibrition such as



XII = f (Xs, Uight) - defferential deine



Forward Tree Bailward Tree