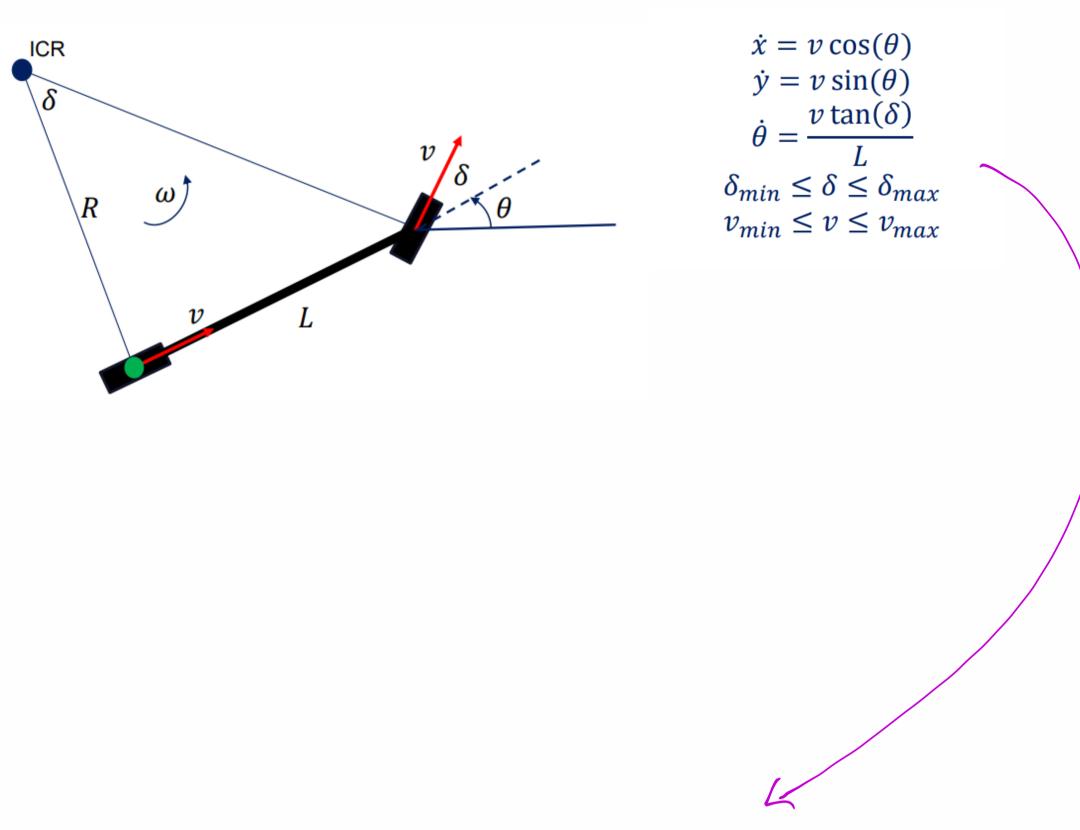
运动会模型关注线速度和角速度偶尔将其导数作的额入 动力学模型关注点和过程作为输入

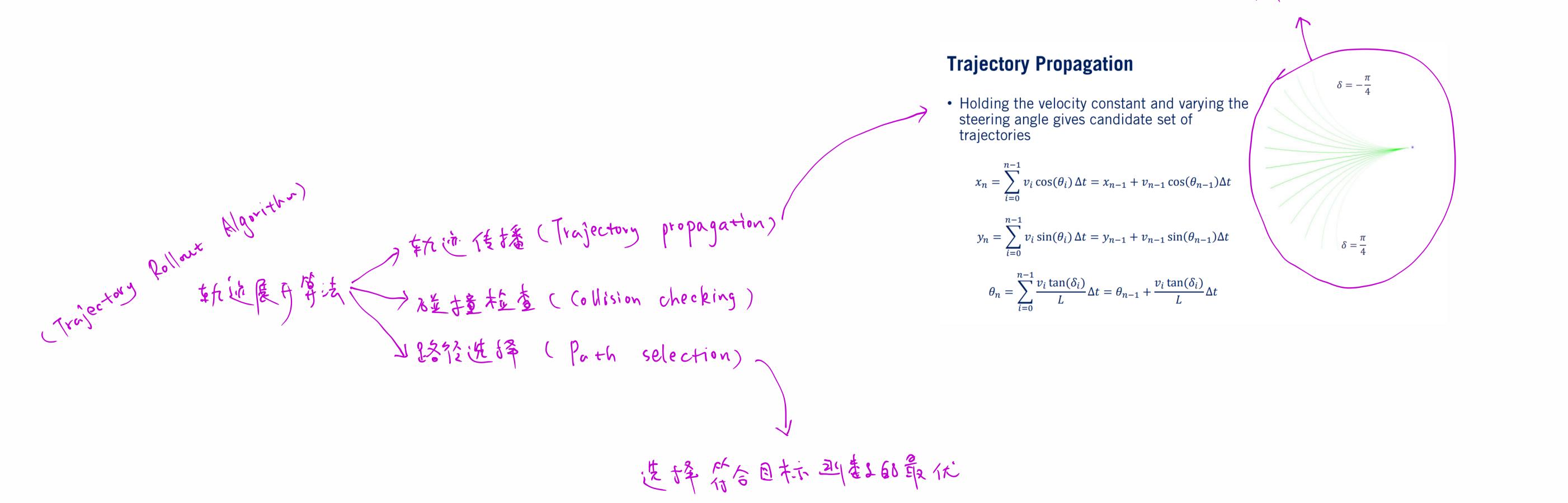


这些为程尚裁化的结果 可以逆归地实现序到中所有更新一)进代地为给定的车面入序到建立气整的年逝

Kinematic Model Discretization

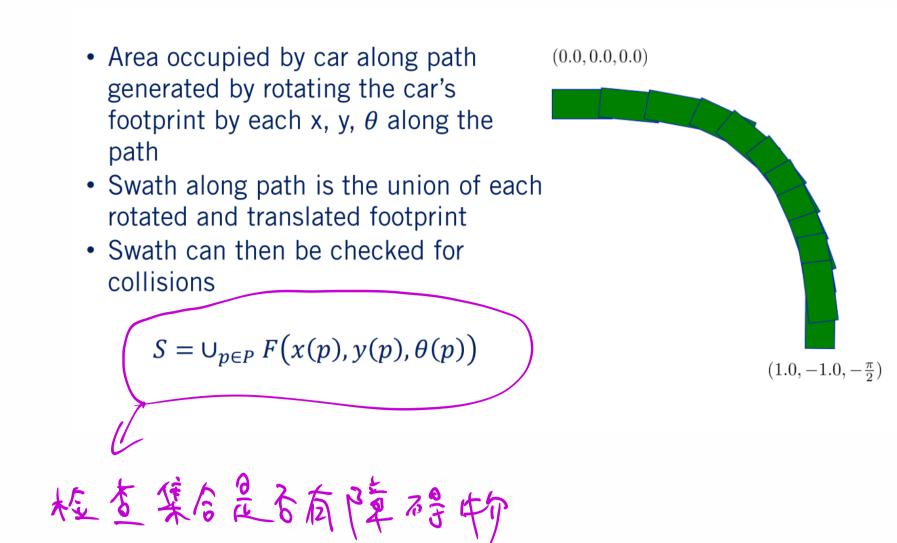
 Discretization of differential equations allows for efficient $x_n = \sum v_i \cos(\theta_i) \Delta t = x_{n-1} + v_{n-1} \cos(\theta_{n-1}) \Delta t$ computation of $y_n = \sum v_i \sin(\theta_i) \Delta t = x_{n-1} + v_{n-1} \sin(\theta_{n-1}) \Delta t$ Recursive definition saves computation time $\theta_n = \sum_{i=0}^{n-1} \frac{v_i \tan(\delta_i)}{L} \Delta t = \theta_{n-1} + \frac{v_{n-1} \tan(\delta_{n-1})}{L} \Delta t$

(李培堂)一组了企业发布的



对容窗口(Pynamic Windowing)允许在车辆 标述上设置约束 通常计态窗口方法允许合新更多为法

这撞枪的一种野狗的计算密集型的问题



碰撞检测相当于沿着给定路径的自信,旋转和平粉车车的的足迹

碰撞旋泊的保守近似

 Conservative approximations may report a collision even if there isn't one, but will never miss a collision if it were to actually happen The car can be completely encapsulated by three circles

学得约(即使不会运性 但还是会报告)

冲突柱查看器可能会见金一些假设的个生冲突 但不会定金作的个生