

## Flow diagram for braking

Is braked entry speed for  $N+1$   
 $<$  exit speed for  $N$ ?

No

Yes: must brake

New entry speed = Find max entry speed for  $N$   
based on braked entry speed  $N+1$   
original entry speed

New exit speed = Is max entry speed  $>$   
original exit speed for  $N$ ?

No

Max braking

New entry speed =  
max entry speed

New exit speed =  
braked entry speed  
for  $N+1$

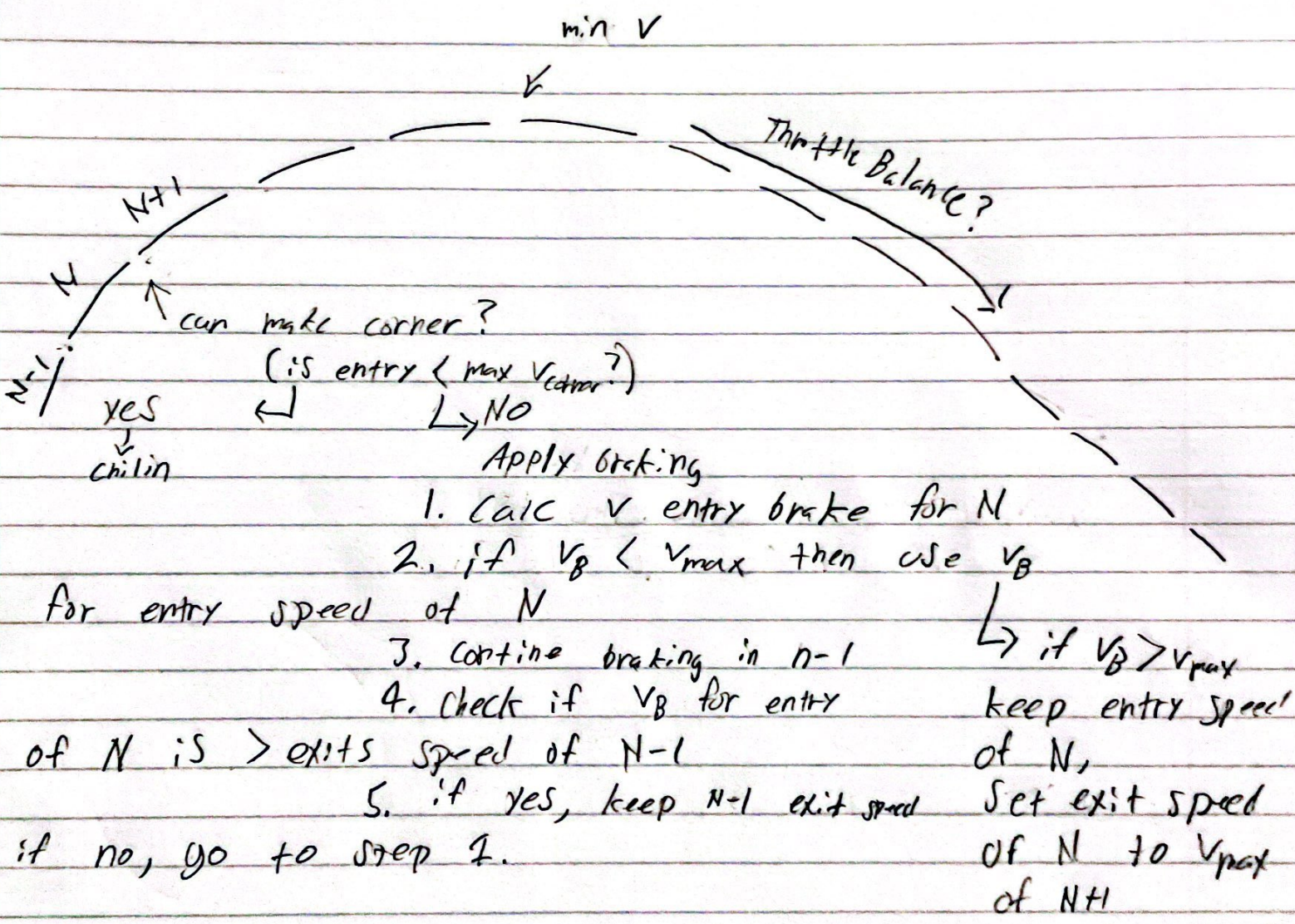
Yes

transition  
to brake

New entry speed =  
original entry speed

New exit speed =  
braked entry speed  
for  $N+1$





Justin's sim check if can make at 0 throttle, then find max throttle

is brake