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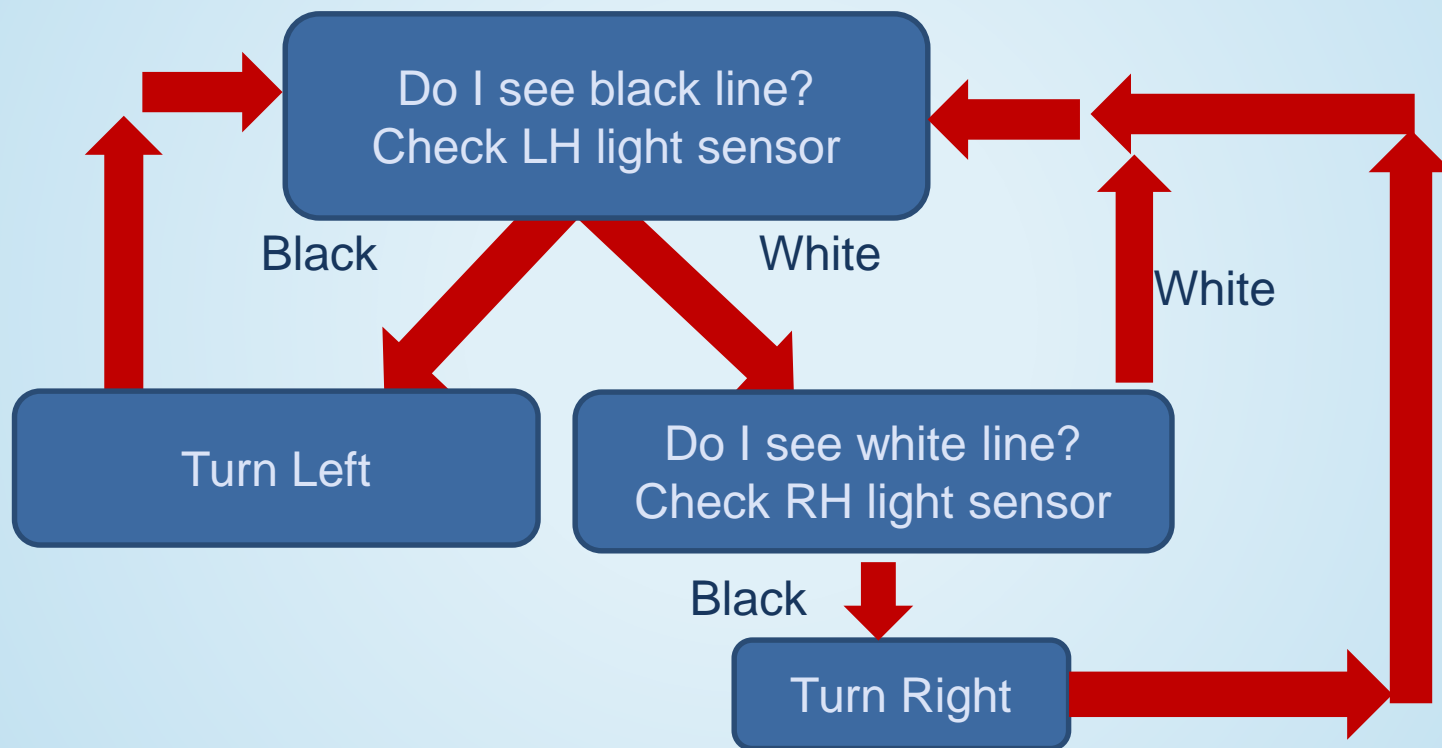
Bang Bang – Two Sensor Line Follow Algorithm

Algorithm allows robot to follow both sides of the line and not guaranteed to complete the turns with green squares.



Line Follow Algorithm

Two Sensor – Turn away from black



“Bang-Bang”



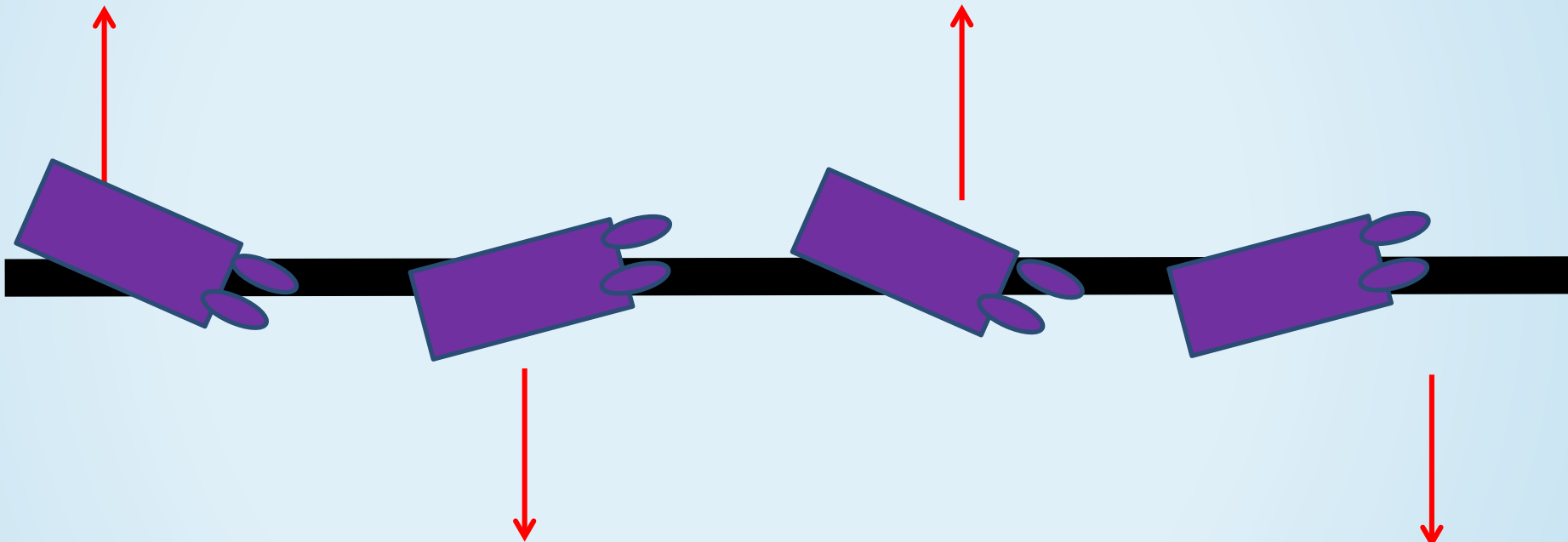
Line Follow Algorithm

Two Sensor – “BANG-BANG”

Simple “BANG-BANG” Line Follower utilising “Turn Away from Black”

LHS see **white** so turn left

LHS see **white** so turn left



RHS see **black** so turn right

RHS see **black** so turn right

The “BANG-BANG” Line Follower utilising “Turn Away from Black”

Straddle both sides of the line turning away from black. Check left sensor turn left if I see black. Check right sensor turn right if I see black.

Note: This is called “BANG-BANG” because it “bangs” between turning left and right- simple.

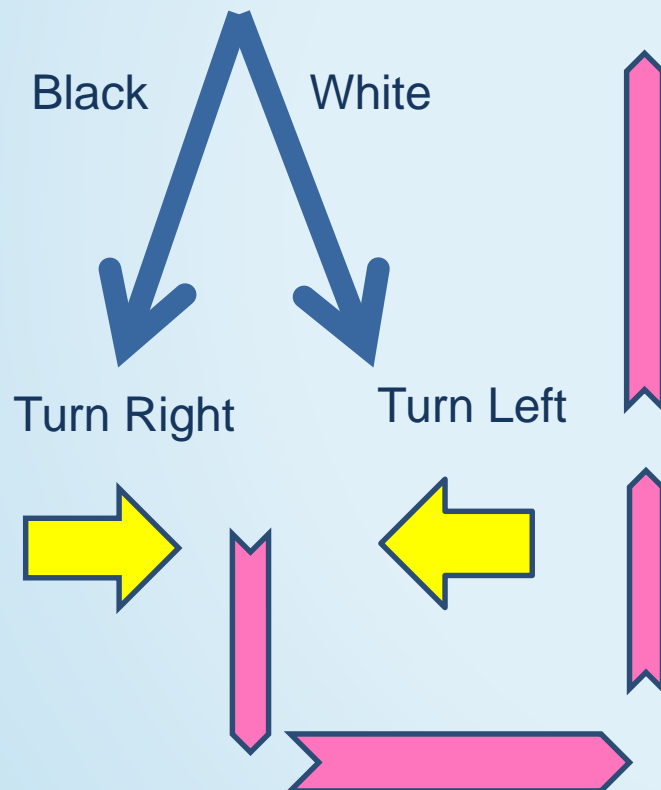


Line Follow Algorithm

Two Sensor – “BANG-BANG”

Simple “BANG-BANG” Line Follower utilising “Turn Away from Black”

Take a light / colour reading



If LHS sees black

THEN turn left

ELSE

If RHS sees black

THEN turn right

ELSE repeat