Tangent Bug

1. The tangent bug model will use a limited range sensor.
2. It will start off with the shortest route to the target destination.
3. In the event of detecting an obstacle:
   1. Determine a local minima and drive to it.
   2. Once at the minima follow the boundary until a leaving condition holds.
   3. Depart.
4. Continue until another obstacle is detected and repeat steps 3(a) – 3(c) or until the target destination is met.