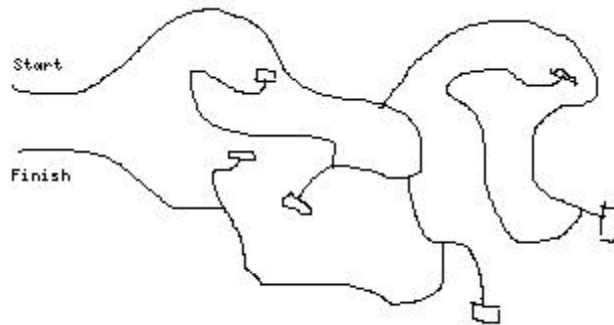


1997-1998 Mobile Robot Competition

Objective: Navigate a maze of Black lines in the shortest amount of time.

Specifications:

- The maze will be constructed from black electrical tape on the floor in CB 417. The tape will 1.5" wide and the maximum turning radius of the tape will be 1'. Dead ends will be terminated by small white boxes, paths will diverge at 90 degree angles, paths will not cross, and adjacent paths will be separated by at least 1', i.e., the course will look something like the following:



- To receive a passing grade the robot must successfully navigate the course from Start to Finish in less than 10 minutes.
- The robot must be autonomous, i.e., you turn it on at the Start and it stops and waits to be turned off at the Finish, with no remote control or external manipulation.
- The total cost for the project must be carefully documented and must be less than \$150.
- The robot must be ready for a competition on April 1, 1998.