Project 2- 10 Points Due date: March 9, 6 p.m.

- 1- Use **Breadth First Search** to find optimal path between any given initial point and goal point
- 2- Consider workspace as a 8-connected space
- 3- Use Half-plan d semi-algebraid dels to represent obstacle space
- 4- Following figure represents the free space (C_{free}) and obstacle space (C_{obs})
- 5- Show optimal path using a simple graphical interface

