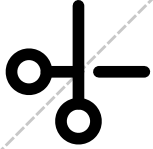


Do not  
write here!



Name:

Perm Number:

**1**  
**hw5**  
ME179P W21

## Homework Assignment #5

- Use a **DARK** pen or pencil, and write **INSIDE** the answer boxes provided.
- Write your name and perm number **CLEARLY** at the top of **EVERY** page, inside the boxes provided.

### Exercise 5.2: Shortest paths in environments with circular obstacles

E5.2(i) Answer:

E5.2(ii) Answer:

# 2

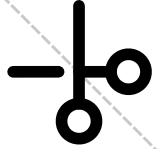
## hw5

ME179P W21

Name:

Perm Number:

Do not  
write here!



### Exercise 5.3: Properties of roadmaps

E5.3(i) Answer:

E5.3(ii) Answer: