

# Project 4 Answers

## 4 Self Analysis

### **1. What was the hardest part of the assignment for you?**

The hardest part was definitely the Joint Particle Filter. That probably isn't surprising, since it was the most conceptually complex part. We found this project harder than the previous ones for sure. All of it was fairly challenging.

### **2. What was the easiest part of the assignment for you?**

Although the whole project was fairly challenging, the first part involving Exact Inference was probably the easiest. Although it wasn't easy, it was certainly simpler than the parts that came after.

### **3. What problem(s) helped further your understanding of the course material?**

We think that each part helped us further our understanding of different methods of inference. We felt that the structure of the assignment with gradually more challenging forms of inference was a good way to ramp up our understanding of the concept.

### **4. Did you feel any problems were tedious and not helpful to your understanding of the Material?**

As previously mentioned, the parts of an assignment did a good job of building upon each other. Although some parts took a while, we wouldn't say they were too tedious because they definitely helped further our understanding.

### **5. What other feedback do you have about this homework?**

We thought it was fairly hard compared to the previous assignments in some ways. It was interesting though, we never thought of Pacman being played this way. The game UI made the concepts a lot easier to understand with its visualization of Pacman's sonar.