WORKSHEET FOR EXERCISES FROM CHAPTER 6

EXERCISE 6.1

1. **What is the total SSE for the network after training has finished?**

2. **How does this value for SSE compare to the same value that was observed in Exercise 5.1? What can one conclude from this comparison?**

3. **Examine how SSE for this network changed over time. Compare and contrast the performance in this simulation to that observed for the same training set in Exercise 5.1. What are the implications of this comparison for Delta rule learning?**

EXERCISE 6.2

1. **What is the total SSE for the network after training has finished?**

2. **How many epochs of training were required before the program stopped training the network because SSE was sufficiently low?**

3. **How does the value for SSE compare to the same value that was observed in Exercise 5.2? What can one conclude from this comparison?**

4. **Examine how SSE for this network changed over time. Compare and contrast the performance in this simulation to that observed for the same training set in Exercise 5.1. What are the implications of this comparison for Delta rule learning?**