

Discussion Point 1, Chapter 7

What is the relationship between the extended tetrachords in Chapter 7 and the tetrachords that were studied in Chapter 6?

Discussion Point 3, Chapter 7

What is the architecture for the network trained to identify extended tetrachords in this chapter? How does it compare to the tetrachord network from Chapter 6?

Discussion Point 5, Chapter 7

What is the interpretation of Hidden Unit 1 in this network, and how does it relate to hidden units of earlier networks that we have seen?

Discussion Point 7, Chapter 7

What is the interpretation of Hidden Unit 7 in this network, and how does it relate to hidden units of earlier networks that we have seen?

Discussion Point 9, Chapter 7

How can the jittered density plots of the various hidden units be used to define a coarse coding used by the network to identify extended tetrachords?

Discussion Point 2, Chapter 7

From the perspective of formal music theory, how are the various extended tetrachords defined?

Discussion Point 4, Chapter 7

What is a jittered density plot, and why is it used to study networks of value units?

Discussion Point 6, Chapter 7

What is the interpretation of Hidden Unit 2 in this network, and how does it relate to hidden units of earlier networks that we have seen?

Discussion Point 8, Chapter 7

What is the interpretation of Hidden Unit 6 in this network, and how does it relate to Hidden Units 1, 2, and 7 of the same network?

Discussion Point 10, Chapter 7

What is the relationship between the analysis of each hidden unit in the network and the analysis of the coarse coding that is supported by these networks? (Hint: What hidden units detect is different from how this is used to solve the problem.)