Discussion Point 1, Chapter 6

What are the four main types of triads that are discussed in this chapter, and how are they traditionally defined in music theory?

Discussion Point 2, Chapter 6

What is a chord inversion, and how does the desire for training a network with inversions affect input encoding of triads?

Discussion Point 3, Chapter 6

What is the architecture of the network trained to classify chords in this chapter (Figure 6-2)?

Discussion Point 4, Chapter 6

Why should we look at connection weights between input units and hidden units? What sorts of regularities does this kind of examination reveal?

Discussion Point 5, Chapter 6

What is a strange circle, and how is this notion related to more traditional ideas in music theory?

Discussion Point 6, Chapter 6

What is an added note tetrachord?

Discussion Point 7, Chapter 6

What is the architecture of the network trained to classify added note tetrachords? How does this architecture compare to Figure 6-2?

Discussion Point 8, Chapter 6

What does the hidden unit space reveal about the network trained to identify added note tetrachords?

Discussion Point 9, Chapter 6

What is the relationship between connection weights in the tetrachord network and strange circles?

Discussion Point 10, Chapter 6

What does the examination of the hidden unit space reveal about the purpose of Hidden Unit 2 in the network?