

1 Notes

- p. 138-139** Avery and Idsardi (2001) provide an explicit version of Halle's theory with respect to laryngeal features, detailing precisely how the phonology interacts with the phonetics. Karthik is working within this framework studying nasals. See also Chapter 13 "Segmental Features" by T.A. Hall in *The Cambridge Handbook of Phonology* (de Lacy 2007).
- p. 170-183** Lots of good books on acoustic phonetics, including Johnson (1997), Ladefoged (1966) among others.
- p.139-145** There are a lot of details here and I am not expecting you memorize them all or anything. Instead focus on the main points, and remember this text as a (admittedly basic) place to go when you are interested in questions of articulation. Also check out Elliot Moreton's (UNC-Chapel Hill) methods for observing your own articulators: <http://www.unc.edu/~moreton/Materials/Observing.html>.
- p. 145-168** Again there are many details here. None are too complicated, but your focus should be on the arguments Kenstowicz brings to the table for feature tree theory.

2 Questions

1. Give some examples from the text of the lack of a simple one-to-one relationship between articulators and the acoustic signals they produce.
2. In SPE, segments were thought of as bundles (unordered sets) of features. Feature tree theory changes this and creates structure over the features of a segment. Pick two examples with which to discuss how feature tree theory addresses the problem Chomsky and Halle present in Chapter 9 of SPE. Is there a way your examples could address Chomsky and Halle's problem without recourse to feature trees?
3. What muscles control the positioning of the tongue body? (Exercise 4.1 B, p.192).
4. Exercise 4.8 C. (p. 194)
5. Was there any data from any of the languages discussed, e.g. Russian, standard Arabic, Sanskrit, Chumash, Japanese, that you found particularly striking? How come?
6. This chapter covered some different areas. What part of this chapter was the most interesting to you and why? Which was the least compelling?

References

- Avery, Peter and William Idsardi. 2001. Laryngeal dimensions, completion and enhancement. In *Studies in Distinctive Feature Theory*, edited by T. A. Hall and U. Kleinhanz. Berlin: Mouton de Gruyter, pages 41–70.
- de Lacy, Paul, ed. 2007. *The Cambridge Handbook of Phonology*. Cambridge University Press.
- Johnson, Keith. 1997. *Acoustic and Auditory Phonetics*. Blackwell Publishers.
- Ladefoged, Peter. 1966. *Elements of Acoustic Phonetics*. The University of Chicago Press, 2nd edition.