Topic: Autosegmental phonology 1


1. Compensatory lengthening

Modern Hebrew:	'to be careful'	'to fight'	'to enter'	'to be written'
Infinitive	*lehizaher*	*lehilaxem*	*lehikanes*	*lehikatev*
Past. Sg. 3 masc.	*nizhar*	*nilxam*	*nixnas*	*nixtav*
Future Sg. 3. mas.	*yizaher*	*yilaxem*	*yikanes*	*yikatev*
			knisa 'entrance'	

	'to exempt' (qal)	'to get rid of' (niphal)	'to resign' (hitpael)
Infinitive	*liftor*	*lehipater*	*lehitpater*
Past. Sg. 3 masc.	*patar*	*niftar*	*hitpater*
Future Sg. 3. mas.	*yiftor*	*yipater*	*yitpater*


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CV-tier:      C      V      C C     V      C      V      C
              |      |       \ |     |      |      |      |
Pattern:      y      i        \|     a      |      e      |
                              p             t             r
Root:                         p             t             r
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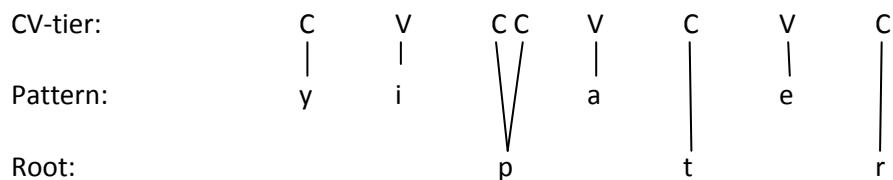
	'to see'	'to be seen'	'to see each other'
Infinitive	*lirot*	*leheraot*	*lehitraot*
Past. Sg. 3 masc.	*ra'a*	*nira*	*hitra'a*
Future Sg. 3. mas.	*yire*	*yerae*	*yitrae*

	'to register'	'to get registered'
Infinitive	*liršom*	*leherašem*
Past. Sg. 3 masc.	*rašam*	*niršam*
Future Sg. 3. mas.	*yiršam*	*yerašem*

Constraint: *rr

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skeletal tier:   X      X      X X     X      X      X      X
                 |      |- - - ·\|     |      |      |      |
Pattern:         y      i        =     a      |      e      |
                                 r             š             m
Root:                            r             š             m
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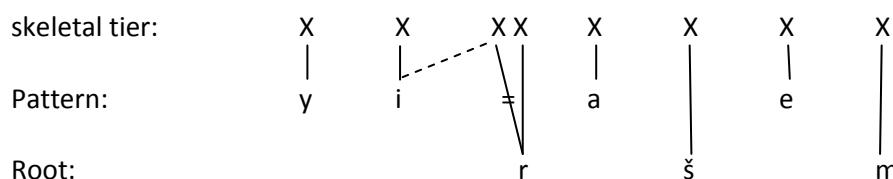
[iː] → [e]

2. Long distance phenomena: Hungarian vowel harmony

asztal	'table'	szék	'chair'
asztal-ban	'in table'	szék-ben	'in chair'
asztal-hoz	'to table'	szék-hez	'to chair'

a   sz   t   a   l   +   b   V   n

[+ back]

sz   é   k   +   b   V   n

[− back]
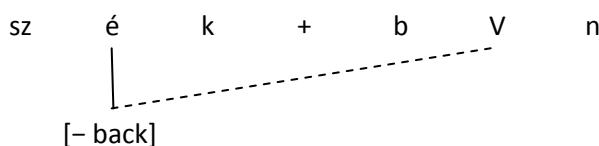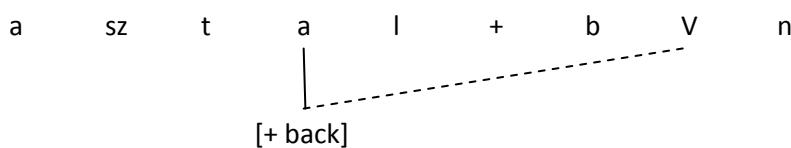
3. Association of autosegments

(a)   X   (b)   X   (c)   X X   (d)   X   (e)

A   A B   A   A

1-1   many-to-one   multiply-linked   bare anchor   floating feature
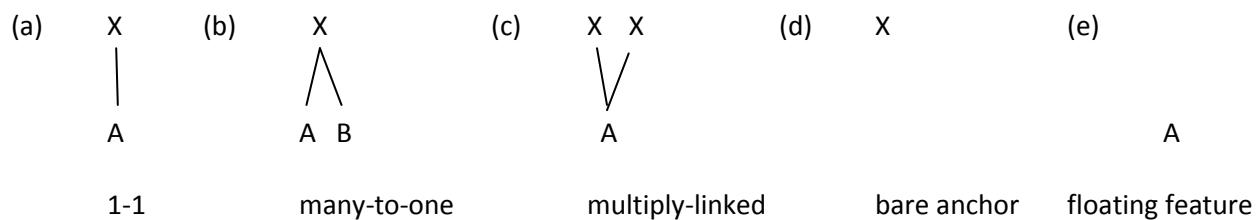
4. Conventions of autosegmental phonology
    Dashed line: spreading   Crossed out line: removing association
    No Crossing Constraint: association lines do not cross.

5. Obligatory Contour Principle (OCP)
A sequence of adjacent identical autosegments are prohibited. They are either united into a single segment mapped onto multiple slots. Alternatively, they change their values.

Reading: **Hayes, Chapter 11-12 and 15** by next week.   **Chapters 13-14** by December.
                    Oden, Chapter 10.

Assignment: due on November 21.
        1.   Hayes, pp. 219-220, exercise 1 (Long Island dialect).

        2.   Make a list of the *phonological* rules in Hayes, chapters 2-12 for yourself (no need to submit a copy each of them). Ignore *morphological* rules. Then, create a typology of these rules, such as "velaraziation", "assimilation", "spirantization", etc. Provide a few examples for each type, and shortly discuss their varieties (e.g., "assimilation can affect [voice] and [place]"). Remarks, such as "sounds like an odd rule" or "phonetically motivated, because...", will be more than welcome.