

**PROBLEM BOOK IN PHONOLOGY:**

**A Workbook for Introductory Courses  
in Linguistics and in Modern Phonology**

**Morris Halle and G. N. Clements**

*A Bradford Book*

*The MIT Press  
Cambridge, Massachusetts  
and London, England*

## Turkish Possessives

In the set of data below, the vowel of the possessed form suffix assimilates to the quality of the preceding stem vowel, according to the rule of vowel harmony. (See the problem "Turkish Vowels", above.)

Notice the alternation involving the final consonant of the noun stem in some of the forms:

	<u>noun stem</u>	<u>possessed form</u>	<u>UR (stem)</u>
1. 'rope'	ip	ipi	
2. 'louse'	bit	biti	
3. 'reason'	sebe $\check{p}$	sebebi	
4. 'wing'	kanat	kanatı	
5. 'honor'	şeref	şerefi	
6. 'rump'	kiç	kiçi	
7. 'pilot'	pilot	pilotu	
8. 'bunch'	demet	demeti	
9. 'wine'	şarap	şarabı	
10. 'Ahmed'	ahmet	ahmedi	
11. 'slipper'	pabuç	pabuçu	
12. 'power'	güç	güçü	
13. 'basket'	sepet	sepeti	
14. 'art'	sanat	sanatı	
15. 'cap'	kep	kepi	
16. 'worm'	kurt	kurdu	
17. 'hair'	saç	saçı	
18. 'color'	renk	rengi	

1. Give the underlying representation (UR) of the noun stems in the space provided.
2. Write the phonological rule that accounts for the consonant alternations.
3. Justify your rule by suggesting an alternative and showing that it is inferior to your solution.