

TONE SANDHI EXERCISE

Directions: Based on Kratochvil's (1968:38-47) descriptions (summarized below), fill in the process of how each of the following utterances changes. (I suggest you map the tone changes with numbers in pencil first, then draw the contours.)

SIX STAGES OF MODIFICATION

1. **Citation forms**
2. **Apply tone sandhi rules**
(3rd Tone first, then any 2nd Tone rules)
3. **Apply any positive influence of stress**
(i.e., modify vowels in stressed syllables)
 - a. 1st tone → shorten and make louder overall
 - b. 2nd tone → lengthen and go from soft to loud
 - c. 3rd tone → lengthen and make louder overall
 - d. 4th tone → shorten and go from loud to soft
4. **Apply any negative influence of stress**
(i.e., modify syllables changed in #3 above by resulting preceding tone/stress environment)
= (End if slow and careful speech. Continue if rapid speech.) =
5. For rapid speech, **further weaken intermediate points of rhythm prominence**
6. **Modify pitch contours** to allow for intonation

1. 張三我已經見過了。 / 张三我已经见过了。
Zhāng Sān wǒ yǐ jīng jiàn guo le.

Stage 1	
	Zh āng S ān wǒ yǐ j īng jiàn guo le.
Stage 2	
Stage 3	
Stage 4	
Stage 5	
Stage 6	

2. 姐姐說我有好多問題。 / 姐姐说我有好多问题。
 Jiějie shuō wǒ yǒu hǎoduō wèntí.

Stage 1	
	J iě jie sh uō wǒ yǒu h ǎo d uō wèn t í.
Stage 2	
Stage 3	
Stage 4	
Stage 5	
Stage 6	

3. 他把字寫在黑板上。 / 他把字写在黑板上。
 Tā bǎ zì xiě zài hēibǎnshàng.

Stage 1	
	T ā b ā z ì x iě z ài h ēi b ǎn sh ang.
Stage 2	
Stage 3	
Stage 4	
Stage 5	
Stage 6	

4. 你買書了嗎？／你买书了吗？

Nǐ mǎi shū le ma?

Stage 1	
	N i m ai sh u le ma?
Stage 2	
Stage 3	
Stage 4	
Stage 5	
Stage 6	

5. 媽媽騎馬，馬慢媽媽罵馬。／妈妈骑马，马慢妈妈骂马。

Māma qí mǎ, mǎ màn māma mà mǎ.

Stage 1	
	M ā ma q í m ǎ, m ǎ màn m ā ma mà m ǎ.
Stage 2	
Stage 3	
Stage 4	
Stage 5	
Stage 6	