ERROR ANALYSIS OF INDONESIAN STUDENTS IN LEARNING TIME ASPECT "着 zhe" AT NANCHANG UNIVERSITY IN CHINA

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ABSTRACT

For foreign students, Mandarin time aspect “着zhe” is a common and relatively difficult grammar point to grasp. The research method is a quantitative method and a qualitative descriptive method to describe, identify the types of errors made by Indonesian learners in learning time aspect “着zhe”. The type of errors are misordering, misuse, omission, and added. Data collection technique used is purposive sampling, i.e. Mandarin language learners at the University of Nanchang, China, which had received writing, grammar and structure, and syntax courses. This question is taken in accordance with the usual sentence forms used in everyday life. The purpose of this technique is to obtain relevant data in order to solve the problem of learning Mandarin, especially regarding the time aspect “着zhe”. The results of relevant questionnaire show that Indonesian students lack of basic knowledge of time aspect and they did not understand or forget the rules of time aspect. So, they use Indonesian grammar to answer Mandarin time aspect “着 zhe” questionnaire. This is indicated by the results of the questionnaire given, there are 3 forms of performance errors above 50%, i.e. misuse error has 65%, misordering error has 60%, added error has 55% and there is 1 form error below 50% namely omission error, has 45%. The Conclusions of time aspect Mandarin “着 zhe” is a form of Mandarin grammar that is often used. This time aspect “着 zhe” has several rules in matching with other words. To understand this, Indonesian students need to learn step by step and perseverance in study and practice, so they can understand the uses of time aspect “着 zhe”.

KEYWORDS

time aspect “着zhe”, Indonesian students, 4 type errors, strategy teaching method

1. INTRODUCTION

Morphologically, Mandarin and Indonesian come from different language groups. Mandarin is an isolative language, while Indonesian is an agglutinative language. Isolative language type, that is, the type of language which expresses grammatical relationships and is dependent on word order, while the word form does not change morphologically but the changes are only due to differences in tone. This type of language is also called the Tonis language. Agglutinative language type, namely the type of language whose grammatical relationships and word structure are expressed by a combination of language elements freely. In this type, word formation can be done by affixation
(word formation through affixing), composition (word formation through compounding), and reduplication (word formation through repetition). When viewed from the morphology, the grammatical relationship and word structure of the two languages are indeed very different. That is, Mandarin already has a sequence of words to arrange into one sentence while Indonesian is a more free language. For example time aspect “着zhe” when put together with an acronym word, it must be inserted between the two acronyms, while in Indonesian, there is no form of acronym like this. So, this causes errors in using time aspect “着 zhe” by Indonesian students. Another example is time aspect “sedang” in Indonesian when it involves two verbs while using one time aspect is “sedang” with another word “sambil”. For example, “Sister is dancing while singing”. Whereas in Mandarin, it cannot add time aspect “着zhe”. This will cause an error in applying and using the rules of time aspect “着 zhe”. The previous researchers, as describe briefly in literature review below, have discussed the whole aspect of time, namely “着zhe”, “了le” dan “过guo” and using objects from other countries. For the foreigner students, Mandarin time aspects are usually seen as grammar and also a little bit difficult to master it.

Our research shows that Indonesian students seem lack of understanding about this topic that lead to mistake when they used it. This research really needs to be analyze because time aspect “着zhe” is always used in daily conversation and every Chinese book discusses this principle but at different levels. Furthermore, this error will causes into a misunderstanding of communication with Mandarin native speakers. Based on this problem, the author would like to analyze Indonesian students error in using Mandarin time aspect “着zhe” and what causing these errors, and at last consider the effective teaching method to solve these problems. Based on the literature review below, as long as the author's knowledge, it can be said that these problems has never been studied in existing linguistic journals.

2. LITERATURE REVIEW

Mandarin is an isolative language, a language whose words are formed from a single morpheme. While Indonesian is an agglutinative language that tends to experience morpheme changes when combined with other words, so it is difficult to segment (Yi Ying, 2011). The main functions of
grammatical Mandarin and Indonesian are function as time aspect. July Dianita Tarigan (2016) believes that main difference between time aspect in Mandarin and Indonesian lies in the combination of words and verbs. In Mandarin, time aspects are placed after the verb, while in Indonesian, time aspects are placed before the verb. Time aspects “着 zhe”, “了 le” and “过 guo” all have characteristics of their respective meanings. After time aspects are paired with verbs, the word will experience a change in meaning (房玉清, 1992). 穆颖 (2001) said that the time aspect “了 le” placed behind the verb means something that has been completed, time aspect “过 guo” placed behind the verb means work or an action that has already taken place, and time aspect “着 zhe” placed behind the verb indicates that the activity or work is in progress.

Rika Ariandini Hutasoit (2012) divides these Mandarin time aspects into three categories: “助词auxiliary structure”, “语气 auxiliary mood” and “时态 auxiliary verb”. Researcher analyzes the use of aspect aspects “了 le” and “过 guo” in Chinese sentences. Generally, students usually make errors using aspects of the particle of Mandarin as well. Students don't understand when and where to use both words. The similarities of “了 le” and “过 guo” are used after verb and adjective. The difference of “了 le” and “过 guo” is in tense. Aspect particle “了 le” used in past, present, and future. Meanwhile aspect particle “过 guo” is only used in past.

In the process of learning time aspects in Mandarin, Chen argues that errors in the use of aspect words in sentences occur at moderate and high levels (陈德铭, 2012). Another case with Liu, he said that native speakers of Indonesian learners in learning time aspects could understand about the placement of the three time aspects quite well. However, for three time aspects, the time aspect “了 le” is the most difficult aspect for Indonesian students to understand (刘催勤, 2006). Viewed from a modern Chinese perspective and teaching Chinese as a foreign language, he studies the practice of the dynamic “着 zhe” for Indonesian, Thai and Korean students. The results found that foreign students from various countries have different characteristics when they learn Mandarin. The most difficult thing for Indonesian and Korean students to master is time aspect “着 zhe” (吕圆, 2012).
Mansur Akil (2009) explains about English-Indonesian translators often finding difficulties in translating English verbs. This is due to their lack of understanding of the concept of time aspect, adverb of time in both English and Indonesian, and tenses in English. While to translate tenses and time aspects can be done by using particles like: “masih”, “sedang”, “sudah/telah” and adverbs of time such as “kemarin”, “tadi”, “besok”, “lusa” and “minggu depan”. Errors in learning a second language or foreign language are caused by two factors, namely interlingual errors and intralingual errors. Interlingual errors are caused by the interpretation or application of the rules of mother tongue into the second language learned by the learner. Whereas intralingual errors are caused by a lack of mastery of the learner of the second language learned (Dian Indihadi).

3. METHODOLOGY
The research method used is a quantitative method and a qualitative descriptive method to describe, identify the types of errors made by Indonesian learners in learning time aspect “着zhe”. The type of errors are misordering, misuse, omission, and added. Data collection technique used is purposive sampling, i.e. Mandarin language learners at the University of Nanchang, China, which had received writing, grammar and structure, and syntax courses. This question is taken in accordance with the usual sentence forms used in everyday life. The author distributes questionnaires to 20 students. Then the writer processes the data based on Mandarin time aspect “着zhe” based on the book 陆 俭 明 (2011) and Dian Indihadi, that shows the type of errors generally made by foreign language students. Table 1 shows four type of errors and questions form. The purpose of this technique is to obtain relevant data in order to solve the problem of learning Mandarin, especially regarding the time aspect “着 zhe”.
Table 1. Four type of errors and questions form

<table>
<thead>
<tr>
<th>Type of errors</th>
<th>Questions form</th>
<th>True or False</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Misordering error of time aspect “着zhe”</td>
<td>我们正在1上2课3不能玩儿4手机。</td>
<td></td>
</tr>
<tr>
<td>2. Misuse error of time aspect “着zhe”</td>
<td>妹妹一边唱着歌一边跳着舞。</td>
<td>True or False</td>
</tr>
<tr>
<td>3. Omission error of time aspect “着zhe”</td>
<td>他们在唱...歌呢!</td>
<td>a. 了</td>
</tr>
<tr>
<td>4. Added error of time aspect “着zhe”</td>
<td>我的鞋子放着在门口去。</td>
<td></td>
</tr>
</tbody>
</table>

4. RESULTS AND DISCUSSION
Based on the survey of 20 Indonesian students that studying Mandarin in Nanchang University, the author makes a detailed analysis of the errors of Indonesian students in the process of learning Mandarin time aspect “着zhe”. There are 3 types of mistakes that always occur when foreign learn Mandarin, namely misordering, misuse, and omission (陆俭明, 2011). But according to Dian Indihadi, when viewed in terms of performance strategies, there are 4 types of errors namely misordering, misuse, addition and omission. The four types of errors in the formation strategy category were made by native speakers of Indonesian learners who were and had learned time aspect “着 zhe” in Mandarin. The following are the formation mistakes that often made by Indonesian students.
1. Misordering error of time aspect “着zhe”

Misordering error is misplacement and use location error. In Figure 1 shows the existence of time aspect “着zhe” placement error. This problem requires students to insert time aspect “着zhe” in the part of the sentence that has been numbered correctly.

![Figure 1. Type question of misordering error of time aspect “着zhe”](image)

From 20 students, there are 12 students make misodering to this sentence. From 20 students there were 12 students who inserted time aspect “着zhe” in number 4. Because “玩儿 wanr” and “手机 shouji” are verbs and nouns but they are not acronyms. The correct placement of time aspect “着 zhe” is in number 2 between the words “上 shang” and “课 ke”. Misplacement and use location error happen it because of the influence of the mother tongue, it leads to misplacement in the process of using “着zhe”. Sentence (1) below, is the correct time aspect placement “着 zhe”.

(1) 我们正在上着课 不能玩儿手机.  
We are studying and forbidden to play mobile phones.

<table>
<thead>
<tr>
<th>我们</th>
<th>正在</th>
<th>上着课</th>
<th>不能</th>
<th>玩儿</th>
<th>手机</th>
</tr>
</thead>
<tbody>
<tr>
<td>kami</td>
<td>saat</td>
<td>ini</td>
<td>sedang</td>
<td>belajar</td>
<td>tidak</td>
</tr>
</tbody>
</table>

“上着课 shangzheke” is acronym so the time aspect “着 zhe” needs to be placed between the acronym i.e. between the words “上 shang” and “课 ke”. Many Indonesian students put “着zhe” between the words “玩儿 wanr” and “手机 shouji”. Indonesian students actually understand the rules of using acronym, if acronym meets with time aspect “着 zhe”, it must be placed between the word acronym. But the placement of the word is wrong. They think “玩儿 手机 wanr shouji” is the word of acronym, but it's not. So, this is misordering error, which is causes by lack of understanding of what words are included in the word acronym.
2. Misuse error of time aspect “着zhe”

Misuse error is wrong use of the wrong rule, it should not use time aspect “着 zhe” but they using the time aspect “着 zhe” in sentences. Sentence (2) shows examples of sentences that are incorrect using the rules of time aspect “着zhe”.

(2) *妹妹一边唱着歌一边跳着舞。 *Sister is dancing while singing.

<table>
<thead>
<tr>
<th>Adik perempuan</th>
<th>sedang bernyanyi sambil menari.</th>
</tr>
</thead>
<tbody>
<tr>
<td>妹妹</td>
<td>着</td>
</tr>
<tr>
<td>唱歌</td>
<td>一边</td>
</tr>
<tr>
<td>跳舞</td>
<td></td>
</tr>
</tbody>
</table>

The sentence (2) above, is an example of a wrong sentence. The word conjunction “一边…一边” in Mandarin cannot match with time aspect “着zhe” because the conjunction “一边…一边” is a fixed form in grammar. It indicates that the verb in the sentence is happening and is ongoing so that it cannot match again with time aspect “着zhe”, because it has the same meaning. Whereas in Indonesian, time aspect “着zhe” must match with the conjunction “一边” to indicate the two activities that are taking place together. The following forms of true or false questions done by the student, shown in Figure 2.

<table>
<thead>
<tr>
<th>Question</th>
<th>True or False</th>
</tr>
</thead>
<tbody>
<tr>
<td>妹妹一边唱着歌一边跳着舞。</td>
<td></td>
</tr>
</tbody>
</table>

Figure 2. Type question of misuse error of time aspect “着zhe”

The sentence above shows that almost all Indonesian students answer that sentence is correct. Beside of the influence of mother tongue of Indonesian students, this is also due to the basic level they have not learned about. There are also those who are at advance level but still make mistakes because they forget the rules of the Mandarin grammar. From 20 Indonesian students, there are 13 students who give wrong answer.
3. Omission error of time aspect “着zhe”

According to 陆俭明 (2011), omission bias refers to the error caused by forgetting or omitting certain elements in a word or sentence. In other words, Indonesian students do not use the words where they should be. The following is the form of Omission, shown in Figure 3.

<table>
<thead>
<tr>
<th>1.</th>
<th>2.</th>
<th>3.</th>
<th>4.</th>
<th>5.</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>b.</td>
<td>c.</td>
<td>d.</td>
<td>e.</td>
</tr>
</tbody>
</table>

Figure 3. Type question omission error of time aspect “着zhe”

From 20 Indonesian students, there are 9 students who did not choose time aspect “着zhe” into sentences. This shows that second language learning is influenced by mother tongue (Indonesian). Apart from that, the level that makes mistakes is Indonesian students who are learning Mandarin at basic level. At this level, they have not yet learned the form of grammar and do not understand the rules of the language. Sentence (3) below, is a form of using time aspect “着zhe”.

(3) 他们在唱着歌呢! They are singing a song!

<table>
<thead>
<tr>
<th>1.</th>
<th>2.</th>
<th>3.</th>
<th>4.</th>
<th>5.</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>b.</td>
<td>c.</td>
<td>d.</td>
<td>e.</td>
</tr>
</tbody>
</table>

The sentence (3) is correct, but Indonesian students feel that the sentence is wrong. Indonesian students do not use the word “着 zhe” in sentences because in Indonesian there is no form of this acronym. In Mandarin, if the verb is followed by an object, the “着zhe” time aspect must be placed between the verb and the object. In addition, in front of the verb can also be preceded by the adverb “在zai” and at the end of the sentence closed with particles “呢ne” to indicate that the activity is ongoing. The Mandarin grammar structure formation above is still not well understood by students especially at the basic level, because at this level they have not yet learned about the formations.
4. Added error of time aspect “着zhe”

In Mandarin grammar rules, there are words that do have to be used together with other words, some are not. The rules of use are not yet understood by Indonesian students, especially at the basic level so that errors in the form of additions often occur. The results of questionnaire show that Indonesian students in learning time aspect often do the form of addition error, which should not be added to time aspect “着zhe”, but they do it. From 20 students who worked on this model problem, there were 12 students who made mistakes in the addition error form. Error adding “着zhe” is seen in Figure 4.

<table>
<thead>
<tr>
<th>Question</th>
<th>True or False</th>
</tr>
</thead>
<tbody>
<tr>
<td>我的鞋子放在门口去。</td>
<td></td>
</tr>
</tbody>
</table>

*Figure 4. Type question added error of time aspect “着zhe”*

The sentence here does not need a time aspect “着zhe” because “放put” and “在in/at” are hard to separate and must be put together. “在at” means that the action has taken place for a short time or is in progress, and there is no need to add an aspect particle “着zhe”. Although the aspect particle “着zhe” indicates the duration of the action and the sentence above is not the grammatical point at all, it is unnecessary to use time aspect “着zhe”. Sentence (4) shows a wrong sentence, which does not conform to the time aspect rules “着zhe”.

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Below is an example of a real problem that is not complicated if the rules of using time aspects are understood. Figure 5 shows that Indonesian students don't understand time aspect “着zhe” well enough. There are many Indonesian students still don't know the grammar rules of the time aspect “着zhe”.

From the results of questionnaire distributed, there were 10 students who answered incorrectly. Time aspect cannot match the word “一直yizhi” because the word means continuously, while time aspect “着zhe” means an event or activity that is taking place. So, it can be seen that the time that is taking place continuously cannot match with the events or activities that are taking place at a time. Sentence (5) shows Indonesian students use the time aspect “着zhe” instead of word “一直yizhi”. As a result, there have been a lot of errors.

(5). *我弟弟今天晚上一直都玩儿着游戏。* My brother has been playing games tonight.
**Short conclusions**

The most common type of errors is “misuse” type, which also shows high percentage about 65%. The second type is “misordering” has 60% error. The third type is “added” has 55% error and the last type is “omission” has 45% error. The author thinks that “misuse” has a high error rate, because the sentence of type “misuse” can be used in Indonesian. So its influenced by mother tongue. The second is “misordering” because the sentence has two verbs with object, but one of that is not an acronym. Actually Indonesian students understand the rules of using acronym, that if acronym meets with time aspect “着 zhe”, the time aspect “着 zhe” must be placed between the acronym word. But the placement of the word is wrong. They think “玩儿 手机 wanr shouji” is the word of acronym, but it's not. So, this is what causes misordering, which is the lack of understanding of what words are included in the acronym word. The third is type errors of “added”. In this type there are two questions. From these two questions, the writer averaged then concluded that there were 55% of Indonesian students who answered incorrectly because they still did not understand the rules of time aspect “着 zhe” time aspect. It means that they did not yet know when and with what time aspect “着zhe” could match. The last form is “omission”. There are still some Indonesian students who did not understand or have not learned from the rules of using the time aspect, which causes an error in answering the question.

![Figure 6. Indonesian students' errors in acquiring the time aspect “着zhe” in Mandarin](image-url)
The strategy of teaching method:

a. Step by step
Students who learn a grammatical point, must pay attention to a certain order. When learning Mandarin time aspect "着zhe", teachers should first explain the basic of pragmatic rules gradually step by step. For example, time aspect "着zhe" have several rules. The most basic rule is that time aspect should be placed after the verb. When the verb is a conjunction, the tense should be placed between the verbs. For example: "他们在唱着歌呢 tamen zai chang zhe ge ne". Knowing these rules can reduce the bias of Indonesian students. The teaching of tense words should run through the entire Mandarin time aspect "着zhe" learning process step by step. Once you find a mistake, then tell the student about it.

b. Perseverance in study and practice
It is difficult for foreign students to learn Mandarin, and there are not so many explanations about Mandarin time aspect "着zhe" in Mandarin textbooks. When Indonesian students have just started to learn Mandarin, they only know the basic rules of Mandarin time aspect that is, Mandarin time aspect "着 zhe" should be placed after the verb. Therefore, Indonesian students must study perseverance of the grammatical point of Mandarin time aspect “着zhe”, and perseverance in practice questions about time aspect “着zhe”.

5. CONCLUSION
Time aspect Mandarin “着 zhe” is a form of Mandarin grammar that is often used. This time aspect “着 zhe” has several rules in matching with other words. To understand this, Indonesian students need to learn step by step and perseverance in study and practice, so they can understand the uses of time aspect “着 zhe”. If the rules of the time aspect “着 zhe” are not understood, they will cause performance errors. There are four mistakes performance often done by Indonesian students. The highest form of performance error is misuse about 65%, then the form of misordering errors, about 60%, then the form of error is added around 55%, and the last is 45% omission error. This happens
because Indonesian students did not understand or forget the rules of the time aspect, so they use Indonesian grammar in using the time aspect of “着 zhe”.

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