



FACULTY OF MUSIC  
UNIVERSITI TEKNOLOGI MARA

MUF655  
RESEARCH PROJECT

IMPROVING TONE PRODUCTION ON THE EXTENDED TECHNIQUE  
TRROUGH THE EMBOUCHURE AND LIP FLEXIBILITY IN "MEI"  
BY KAZUO FUKUSHIMA

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## DECLARATION OF AUTHORSHIP

I declare that the work in this proposal is the outcome of my own work, yet with couple of uncommon cases, on the considerations and frameworks, which I have clarified their advantages. This theory altogether has not recognized for any degree and meanwhile isn't submitted as candidature for any degree to some other foundation or non-academic association.

On the off chance that my thesis be found to harm the conditions referenced above, I deliberately swear off the benefit of conferment of my degree and agree be presented to the disciplinary standards and rules of University Technology MARA.

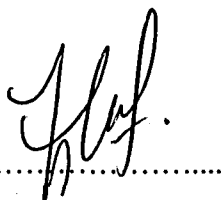
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Through The Embouchure and Lip Flexibility in "Mei" by  
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## **ABSTRACT**

Learning the basic techniques for flute are essential in order for flutist to extend their techniques. This piece contain a lot of extended techniques that is quite difficult to be adapted for beginner. In order for them to improve their extended techniques, they have to practice a lot of things to make an improvement on their extended techniques.

In this study, the focus extended techniques are the embouchure and lips flexibility to improve the tone quality production in this piece. This study also depict the character or enhance the emotion of melody in this piece. Other than that, this study also elaborate on what the performer do to further improve or diverse their tone quality in order to achieve a convincing performance.

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## CHAPTER 1

### INTRODUCTION

#### **Background of study**

Twentieth century social events, included the rapid development and changed of art movements, had led the composers to new experiments. Extended flute techniques, which were frequently found in contemporary flute literature was carry the flute to the next dimension. For having played the flute for a few years, I found that the challenge to be good in tone production. In my opinion, the tone production which were embouchure and lip flexibility the most important aspect to play the flute because the player need to produce the sound through the embouchure formation and blowing technique. Furthermore, on any instrument, the technique and musicality were very important too unless the pleasing tone was produced.

According to this piece, Fukushima's Mei for solo flute was a repertoire standard and a chosen repertoire for many competitions. This piece which lasts about 5 minutes was dedicated to the memory of Dr Wolfgang Steinecke. Based on the score description, Fukushima states that "Mei", based on Chinese character which was significant to the dark, dim, pale or intangible. According to the Japanese legend also it was believed that the sound of the flute has power to reach the dead. This piece used a lot of extended techniques but my research was focusing only on the embouchure and lip flexibility with the variety of dynamic to produce the timbre effects. This piece requires a great deal of embouchure control to realize the various portamentos or glissando. According to Fukushima, these