

**Relationships between foreign language sound perception and production and experimental evidences obtained in Thai native speakers**

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**Abstract**

*The purpose of this article is to discuss the issues concerning the relationships between foreign sound perception and production. The relationships between foreign sound perception and production are complex and there are two controversy findings: perception precedes production or vice-versa. The assumption of perception precedes production, which was originally proposed by Polivanov (1931) claimed that perception of a new phonetic contrast must necessarily precede its production. Whereas, the assumption of production precedes perception points out that in certain cases, the production of FL sounds might precede their perception (Neufeld, 1988; Borrell, 1990). This paper will provide the comparison of these two assumption as well as the experimental evidences of relationships between perception and production in foreign language based on a finding of error rate analysis obtained from English voicing perception task and production task in 200 Thai native speakers.*

**Keywords:** Speech; Perception; Production

**1 Introduction**

This article was interested to examine the important issues in foreign language phonological acquisition as the foreign language sound perception and production.

The consideration will focus on the relationships between foreign sound perception and production. It is revealed that the relationships are complex and there are two controversy findings: perception precedes production or vice-versa. The paper will be begun with the explanation of language-specific sound perception based on phonetics field, the production of consonants in terms of voicing feature, and the assumption of perception precedes production, which was originally proposed by Polivanov (1931) claimed that a new phonetic contrastive perception must be obtained preceding the production. Followed by the assumption of production precedes perception points out that in certain cases, the production of foreign language (FL, hereafter) sounds might precede their perception (Neufeld, 1988; Borrell, 1990). Then, the experimental evidences of relationships between perception and production in foreign language based on a finding of error rate analysis obtained from English voicing perception task and production task in 200 Thai native speakers will be revealed.