THE MULTIDISCIPLINARY JOURNAL OF SCIENCE AND TECHNOLOGY

VOLUME-4, ISSUE-10 UNDERSTANDING STRESS AND INTONATION IN PHONETICS

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Abstract: Stress and intonation are critical components of phonetics that significantly influence the meaning and emotional tone of spoken language. This article explores the definitions, functions, and examples of stress and intonation in English. It highlights how stress patterns can change meanings and how intonation affects the speaker's intention. Additionally, the article discusses the importance of these elements in language learning and communication.

Keywords: Stress, Intonation, Phonetics, Prosody, Linguistics

INTRODUCTION

Stress and intonation are two vital aspects of phonetics that contribute to the rhythm and melody of speech. Understanding these elements is essential for effective communication, as they can alter the meaning of words and sentences. This article delves into the intricacies of stress and intonation, providing insights into their roles in phonetics and language learning.

WHAT IS STRESS?

Stress refers to the emphasis placed on certain syllables within words or on specific words within sentences. In English, stressed syllables are typically louder, longer, and pronounced with a higher pitch compared to unstressed syllables.

TYPES OF STRESS

- 1. Word Stress: The emphasis on a particular syllable within a word.
- *Example*: In the word "*photograph*," the stress is on the second syllable: PHO-to-graph BrE / fəotəgra: f/ or AmE / footoogræf/.
 - 2. **Sentence Stress**: The emphasis on certain words in a sentence to convey meaning.
- *Example*: In the sentence "*I didn't say she stole my money*," stressing different words changes the implication:
 - "I **didn't** say she stole my money" (implying someone else said it).
 - "I didn't **say** she stole my money" (implying you meant something else).

FUNCTIONS OF STRESS

- **Distinguishing Meaning**: Stress can change the meaning of a word. For example, "*record*" can be a noun (RE-cord) BrE /'rekɔ:d/ or AmE /'rekə·d/ or a verb (re-CORD) BrE /rɪ'kɔ:d/ or AmE /rɪ'kɔ:rd/ depending on which syllable is stressed.

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- **Emphasis and Focus**: Stress helps to highlight important information in speech, guiding listeners on what to pay attention to.

WHAT IS INTONATION?

Intonation refers to the variation in pitch while speaking. It plays a crucial role in expressing emotions, attitudes, and intentions.

TYPES OF INTONATION PATTERNS

- 1. **Rising Intonation**: Typically used in yes-no questions.
 - Example: "Are you coming?"
 - 2. **Falling Intonation**: Commonly used in statements and commands.
 - Example: "I will go to the store."
- 3. **Fall-Rise Intonation**: Used to indicate uncertainty or to soften a statement.
 - Example: "I might come to the party."

FUNCTIONS OF INTONATION

- Expressing Emotion: Intonation helps convey feelings such as excitement, surprise, or doubt.
- Indicating Questions vs. Statements: Intonation patterns differentiate between types of sentences.

STRESS AND INTONATION IN COMMUNICATION

Effective communication relies heavily on the correct use of stress and intonation. Misplacing stress or using the wrong intonation can lead to misunderstandings.

LANGUAGE LEARNING IMPLICATIONS

For language learners, mastering stress and intonation is essential for fluency. Incorrect stress or intonation can hinder comprehension and result in communication breakdowns.

PRACTICAL EXAMPLES

1. Stress Example:

- Consider the phrase "I didn't steal the money." Depending on which word is stressed, the meaning changes:
 - "I **didn't** steal the money." (implying someone else did).
 - "I didn't steal **the** money." (implying perhaps other money was stolen).

2. Intonation Example:

- The question "*You're coming?*" with rising intonation implies uncertainty, while with falling intonation, it confirms the expectation.

CONCLUSION

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Understanding stress and intonation is crucial for effective communication in English. These phonetic elements not only shape the rhythm and melody of speech but also influence meaning and emotional expression. For language learners, focusing on these aspects can enhance fluency and comprehension.

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