

Research on speech recognition technology to build a direct translation support system for political and diplomatic law.

Vu Duy Thien

Abstract: In the context of increasingly deep globalization, understanding and complying with legal regulations related to diplomatic politics has become extremely important. This topic aims to research Automatic Speech Recognition (ASR) technology to build a direct translation support system for diplomatic political law. The objective of the topic is to solve the problem of converting text from different languages into Vietnamese quickly and accurately, thereby enhancing efficiency in complying with international law. The research method is based on a combination of ASR theory and experimentation to build the system. The significance of the topic lies in the wide applicability of this technology to many legal fields, while also making a significant contribution to the development of natural language technology in Vietnam.

Keywords: Speech recognition, Diplomatic political law, Translation support system, Information technology