

AI application in translating comics and replacing text in speech bubbles

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Abstract: In the context of the development of information technology and the increasing demand for cross-border communication, the use of artificial intelligence (AI) in the field of comic translation has become an important research direction. This topic aims to solve the problem of automating the comic translation process by applying machine learning methods to convert text in speech bubbles from the source language to the target language. Accordingly, the topic combines both theoretical and experimental research to build an experimental system that can replace the original text in the speech bubbles of comics. The expected results of this topic not only improve translation efficiency but also contribute to the application of AI in the entertainment and media fields.

Keywords: Artificial intelligence, Comic translation, Machine learning, Speech bubbles