

研究区分	教員特別研究推進（教育推進）
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研 究 テーマ	The Effects of AI-generated Video and Audio Feedback				
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講演題目
AI-Generated Feedback
研究の目的、成果及び今後の展望
This study investigates the use of AI-generated personalized video feedback as a supplementary tool in English as a Foreign Language (EFL) speaking instruction. University students completed a speaking assignment outside of class and submitted their responses as audio recordings. These recordings were processed using Google LM Notebook to generate individualized video feedback, which was subsequently shared with each learner. To examine students' perceptions of this feedback method, data were collected through online surveys and follow-up interviews. Quantitative findings indicated generally high levels of perceived usefulness, personalization, and actionability. Thematic analysis of qualitative responses revealed that students valued the feedback for its accessibility, flexibility, and individualized nature, particularly the ability to replay content multiple times at their own pace. Participants also reported increased motivation and greater awareness of pronunciation, vocabulary, and speaking errors. However, some learners identified challenges related to the speed and complexity of the AI-generated speech, while others expressed a preference for combining AI feedback with teacher support. The findings suggest that AI-generated video feedback may function as an effective complement to traditional EFL feedback practices by promoting repeated engagement, learner autonomy, and personalized corrective input. Implications for language educators and directions for future research are discussed.