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A Cascade Gray-Stereo Visual Feature Extraction Method For Visual and Audio-Visual Speech Recognition

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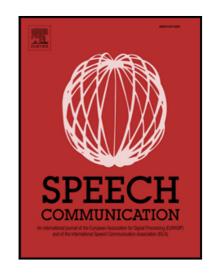
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Highlights

- Develop a novel cascade feature extraction method for audio-visual speech recognition
- Firstly show the depth visual information can significantly boost visual speech recognition
- Firstly experimentally reveal different characteristics of grey and depth visual features
- Introduced the first large-scale audio-visual speech corpus that contains depth information.

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