

## ABSTRACT

Embodiments of the present disclosure disclose a video quality detection method and apparatus, a device, and a storage medium. The method includes that: feature extraction of different levels is performed on a video to be detected including multiple video frames to obtain multiple multilevel features corresponding to the multiple video frames; a temporal difference feature between adjacent multilevel features of the multiple multilevel features is determined, and multiple first fusion features are obtained based on the temporal difference feature and the multiple multilevel features, the temporal difference feature being used for representing temporal distortion content in the video to be detected; and a quality parameter for reflecting video quality of the video to be detected is obtained based on the multiple first fusion features. Through the present disclosure, the accuracy of video quality detection is improved.

[Figure 3]